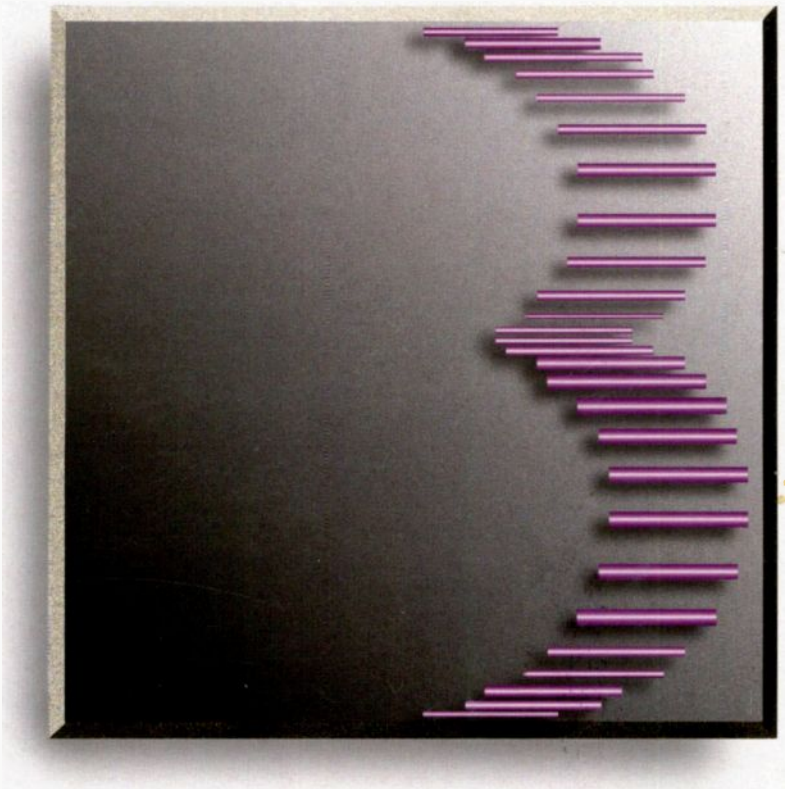


Bradley
BROADCAST

Catalog
1995

Your Problem Solvers from ATI

- Mike
- Line
- Phono
- Mixing
- Matching
- Metering
- Monitoring
- Processing
- Distribution

AUDIO TECHNOLOGIES INC.

ATI

Bradley BROADCAST

12401 TWINBROOK PARKWAY• ROCKVILLE, MD 20852
800-732-7665 • 301-231-7800 • FAX: 301-230-6526

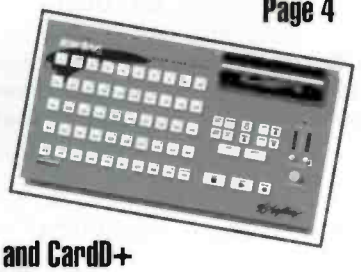
Sales Office Hours	9:00 AM to 6:00 PM Eastern Time, Monday through Thursday 9:00 AM to 5:30 PM Eastern Time, Friday
Business Office Hours	9:00 AM to 5:00 PM Eastern Time, Monday through Friday

Broadcasters and audio professionals from every field will find what they need at Bradley Broadcast Sales. Our customers are radio and TV engineers, network managers, government employees, recording studio owners, educators, DJ's, theater sound technicians, sound crews, college broadcasters, corporate AV users, and many more.

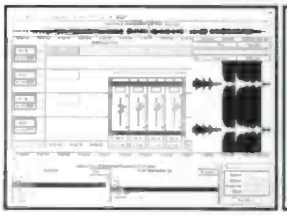
Bradley has a new and larger home this year. As you flip through these pages, make a note of our new address, and call us if you don't see what you need. Enjoy our 13th annual reference catalog, and please accept our thanks for your patronage.

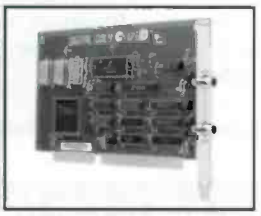
New! Yamaha ProMix 01
Page 68

New! Instant Replay from 360 Systems
Page 4



Special! SAW and CardD+
Page 3





New Address, Same Great Service and Engineering!

BRADLEY BROADCAST SALES
12401 Twinbrook Parkway• Rockville, MD 20852
800-732-7665 • 301-231-7800 • FAX: 301-230-6526

CONTENTS 1995-96

RECORDING: DIGITAL AND ANALOG 2-19
Workstations, Digital Recorders, Digital Cart Machines, DAT Recorders and Loggers, Reel-to-Reels, Cassettes and Duplicators, Analog Cart Machines, Compact Multitrack, Tape, Recording Supplies

FIELD PRODUCTION 20-30
Portable DAT and Cassette Recorders, Mixers, Frequency Extenders, Codecs, Telephone Remote Equipment, Press Boxes, Bags and Cases

MICROPHONES 31-44
Microphones, Headsets, Mic Stands, Mic Accessories, Preamps, Processors, Wireless Mics

CD PLAYERS / TURNTABLES 45-48
CD Players, Turntables, Accessories

SOUND REINFORCEMENT 49-52
Sound Systems, Mixers, Power Amps, Speakers, Snakes, Accessories

MONITORING 53-64
Headphones, Power Amps, Speakers, Powered Monitors, Signal Monitors, Metering, Tuners and Receivers, Silence Sensors, Shortwave Receivers

CONSOLES 65-73
Broadcast, Production, Utility, Specialty Mixers

AUDIO PROCESSING 74-81
Equalizers, Dynamics Controllers, Stereo Synthesizers, Effects Processors, Audio Enhancement

AUDIO INTERFACE 81-94
Fiber Optic, Matching Amps, Sample Rate Convertors, Distribution Amps, Routing Switchers, Patch Panels, Connectors and Adapters, Wire and Cable, Test Equipment, Automation Tools

TELEPHONE INTERFACE 95-101
Hybrids, Talk Systems, Teleconferencing, Couplers, Delays, Voice Announcers, DTMF Remote Control

INTERCOM 101-103
Wired and Wireless Intercoms, Two-Way Radios, IFB, Headsets

RF EQUIPMENT 104-114
Transmitters, Processing, Stereo Generators, Remote Control, Monitoring, STL, RPU, Filters, RDS/RBDS, Antennas, Accessories

FURNISHINGS 115-126
Books, Clocks, Timers, Thermometers, Power Distribution, Media Storage, Warning Lights, Equipment Racks and Hardware, Studio Furniture, Accessories

ORDERING INFORMATION AND CREDIT APPLICATION 127

INDEX 128

Digidesign Session 8

Session 8 by Digidesign is a powerful multitrack recording system for use with your PC or Macintosh. Originally intended for project studios, Session 8 is a hit with broadcasters and other pro users who like its convenience and price tag.

You get eight channels of direct-to-disk digital recording, random-access editing, multichannel mixing, integration with popular MIDI sequencers, and digital signal processing. You supply the computer and hard disk; Digidesign provides an interface box, plus plug-in DSP card and software. Updated software makes Session 8 even more powerful.

Session 8 is now available in several configurations:

Session 8 with 882/Studio Interface: This package is for users who need an integrated, all-digital system for tracking, mixing, patching, and editing. The external mode lets you work through your current board; internal mode taps you into the world of digital mixing, providing an on-screen mixer with familiar controls, track bouncing, alternate-take functions, and more, all within the digital signal path for stunning audio clarity. The cut-and-paste operations are a snap. The 882 also has digital routing, for the convenience of a patch bay without the cords. Connections: four XLR mic inputs, 1/4" unbalanced and S/PDIF digital I/O, a 10x2 analog submixer, inserts, and effects sends/returns. *Available for Mac or PC.*

Session 8 with 882 I/O Interface: The new 882 I/O package is ideal for those who want Session 8 on a budget. Designed to be used primarily with an external mixing board, the 882 I/O provides the same fidelity as the 882/Studio (above), but has a smaller on-screen mixer and fewer connections (8 ins, 8 outs).

Internal mode lets you set levels and adjust the parametric EQ, bounce tracks and create a stereo mix for DAT. Use your own external mixer, and you can take advantage of your board's effects sends/returns, cue mix options, and more. The 882 I/O has the same random-access editing abilities as the larger 882/Studio. *Available for Mac or PC.*

Session 8 XL: Featuring two 4-channel audio interfaces, Session 8 XL is ideal for facilities that need XLR-type connections and premium converter technology for the highest fidelity. It offers the same software as the Session 8 with 882 I/O and is designed to work best with an external console. *Available for PC platforms only.*

Session 8 XL, for PC's
60DDPZOO2 *MFR LIST* **$5995.00**

Session 8 with 882/Studio Interface, for Mac's
Package 801 *MFR LIST* **$3990.00**

Session 8 with 882/Studio Interface, for PC's
Package 802 *MFR LIST* **$3990.00**

Session 8 with 882 I/O Interface, for Mac's
Package 803 *MFR LIST* **$2990.00**

Session 8 with 882 I/O Interface, for PC's
Package 804 *MFR LIST* **$2990.00**

New Session 8 software for the PC makes the system even more effective for radio production. Call us to learn more.

Accessories:

ADAT Interface: lets you transfer up to 8 channels of digital audio between your Session 8 and one or more ADAT digital tape machines, and edit and mix ADAT tracks (requires accessory kit, below).
60DDPH006 *MFR LIST* **$995.00** NEW

ADAT Interface Accessory Kit (PC)
60DDAC009 *MFR LIST* **$169.00**

ADAT Interface Accessory Kit (Mac)
60DDAC011 *MFR LIST* **$199.00**

R1 Remote Controller: provides hands-on control for PC versions of Session 8. Includes transport controls, faders, autolocates, and assignable function keys. A powerful alternative to mouse control; vital for live mixdown.
60DDR1 *MFR LIST* **$995.00**

SMPTE Slave Driver: 60DDMH034 *MFR LIST* **$1295.00**

Requirements: For PC users, Session 8 and Session 8 XL work best with a 486SX/33mHz computer with 8MB RAM, two expansion slots, and internal drive; for Session 8 on Macintosh, use Mac II series, Quadra series, or Centris 650 CPU with 8MB RAM or better. Call us for other computer requirements for your new system.

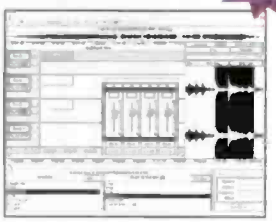
Call Bradley for a current price quotation.

Nearfield and Multi-Media Monitors are waiting for you in our Monitoring Section

Tools for the Computer Age

NEW

IQS SAW Software (for PC's)



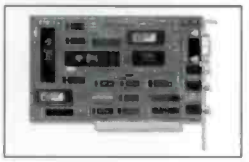
Create your own PC-based multitrack digital workstation using SAW, the Software Audio Workshop. With SAW, only one sound card is required to do multitrack. Record and edit 16-bit digital SoundFiles at sampling frequencies up to 48kHz. You can overlay vocals on beds, adds effects, draw in custom cross-fades, and much more, all non-destructively. Vari-Pitch lets you fix flat notes or shorten a radio spot. Our feature package, below, includes the "CardD Plus" soundcard, everything you need to make SAW work on your PC.

Optional SAW Utilities Rack is a collection of audio processing functions including EQ, compressor/limiter, echo effects, and auto panner.

Software Audio Workshop	60IQSAWMTSW	*MFR LIST*	**$599.00**
SAW Utilities Rack #1	60IQSAWUR	*MFR LIST*	**$349.00**

Bradley Package 9501
Take our bundle of the outstanding CardD-Plus and SAW.
A $1394 value. **$995.00**

MIDI Interface



Music Quest's MQX-32M is a multi-port interface for IBM compatibles, with dual MIDI inputs and outputs, Chase Lock and SMPTE sync, and Windows driver. Useful for SAW and other Windows software.

MQX-32	31MQX32	*MFR LIST*	**$249.95**

DECK II from OSC (for Mac's)

Your Macintosh can be a CD-quality multitrack digital audio studio with synchronized MIDI sequencing, waveform editing, and support for all SMPTE frame rates. DECK II works with various sound cards, and when used with AV-model Macs, you don't even need an audio card.

DECK II	60OSDECKII	*MFR LIST*	**$399.00**

Call Bradley for computer requirements.

Tripp Lite Spike Stik

For economical surge suppression and noise filtering, the Spike Stik works. Six outlets, AC overload protection with resettable 15 amp breaker, surge suppression up to 6,500 amp spikes, six foot power cord.

Spike Stik	60TPSTIK	*MFR LIST*	**$24.95**

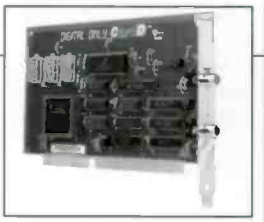
Tripp Lite UPS

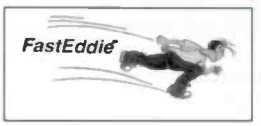
PS units are on-line Uninterruptible Power Supply systems with pure sine waveform and zero transfer time, providing protection from blackouts, spikes, brownouts, and line noise. Network compatible. The low profile PS 6.0 is rated for 600VA and includes keyboard lighting. Other models are available from 450 to 1500VA.

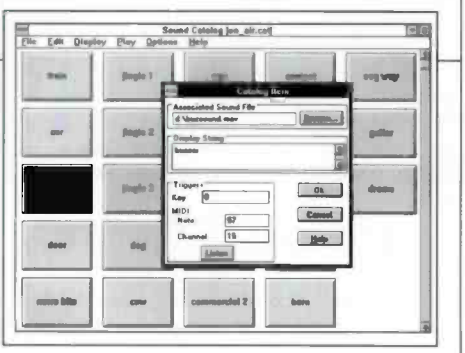
PS 6.0	60TPPS60	*MFR LIST*	**$799.00**

Call Bradley for a current price quotation on these products.

The CardD Plus System from Digital Audio Labs







Do two-track desktop hard-disk editing and recording on IBM-compatible PC's, thanks to the CardD Plus system. Thanks to "overlay" functions, the system does much of the work of a multitrack system, especially useful for voiceovers and sound effects.

Hardware: The CardD Plus plugs into your PC and provides professional digital audio, with simultaneous record and play, selectable sampling rates of 48, 44.1, 32, and 22.05kHz, and real-time audio transfer. Connections are on RCA jacks, with levels selectable by jumper among +4, -10, and consumer. For direct digital I/O capability in the S/PDIF format, also choose The i/o CardD, which works with the driver in the CardD Plus, or the stand-alone Digital Only CardD, which has its own Windows driver.

Software: FastEddie is a waveform editor for Windows .wav soundfiles. It allows fast cut and paste, multiple undo's, and custom fades or crossfades. The overlay function is a powerful tool in radio production. Also of interest to broadcasters is a sound "catalog" which lets you create numerous boxes in a window, and assign each to a particular sound. FastEddie works with any sound card that is compatible with Windows 3.1, including The CardD Plus (above). For extra performance, The EdDitor Plus software adds simultaneous record/play, four-virtual-track playback, preset punch-ins, mouse scrubbing, and more. EdDitor Plus requires The CardD Plus soundcard.

Requirements: FastEddie requires at least a 40mHz 386DX; EdDitor Plus requires 50mHz 486. Other minimums are 4MB RAM, Windows 3.1, DOS 5 or above, 200MB hard drive, IDE or SCSI, and disk optimizer. MIDI and SMPTE triggering cards are optional. Call us for all the details.

CardD Plus	60DATC01	*MFR LIST*	**$795.00**
i/o CardD	60DAIO01	*MFR LIST*	**$295.00**
Digital Only CardD	60DADO01	*MFR LIST*	**$495.00**
FastEddie	60DAFE01	*MFR LIST*	**$129.00**
EdDitor Plus	60DAEP01	*MFR LIST*	**$349.00**

Call Bradley for a current price quotation.

360 Systems Instant Replay Hard Disk Sampler

NEW

Here's a new product from 360 Systems that's sure to be a hit with morning zoos, sports, and news departments.

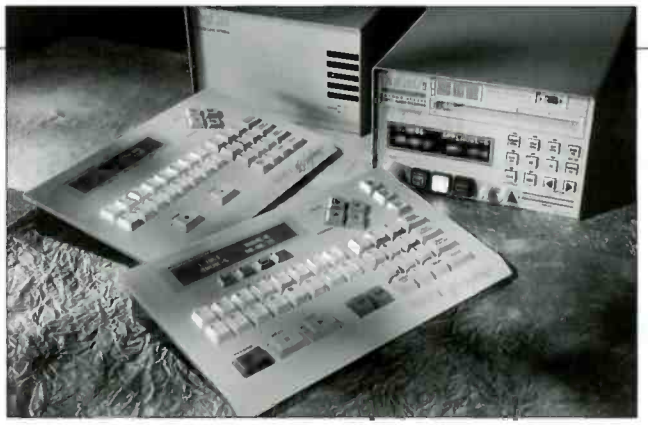
The Instant Replay DR550 Hard Disk Sampler is a pro digital audio recorder that acts like a sampler, providing instant pushbutton access to 500 cuts. They are easily assigned to 50 preset "hot keys" organized into ten separate banks. To play a cut, just push its hot key.

Store up to 1,000 cuts total. Any cuts not mapped to the hot keys can be accessed using a FIND command. The DR550 is self-contained and requires no external equipment. Its internal hard disk holds two hours of stereo audio; if that's not enough, larger hard disks are available.

The display shows cut name, duration, bank number, and hot key number. An imbedded keyboard lets you name cuts and helps you search. A printer port lets you create hard copies of your cut and bank lists.

Features include 16 bit stereo audio design, +4dBm analog I/O, and AES/EBU and S/PDIF digital I/O. ***Call us for pricing.***

360 Systems DigiCart/II Digital Recorder



Think of the DigiCart/II as a treasury of sounds, stored, organized, and easily accessible. It's a cart machine, mini-workstation, and hard disk recording system. The machine is popular among radio stations, TV studios, theme parks, theaters, and other pro audio users.

New Series 2500 models add even more powerful software, greater storage options, digital I/O, enhanced remote control capabilities, and Windows software options for PC control. Also ask about new optional File Transfer capability.

DigiCart/II makes 16-bit recordings, either in linear mode or with Dolby AC-2 data reduction for extended recording times. Playback mode offers instant access to 10,000 cuts with just a few keystrokes. Make a selection, hit play, and audio is rolling before your finger leaves the button. While one cut plays, cue up the next.

Playback options range from locate and play of a single cut, to programmed playlists. The latter can be simple strings of cuts to groupings of linear or rotating stacks. Back to back playback of cuts is seamless, so one machine can replace multiple audio sources.

DigiCart/II stores up to 16 hours of stereo audio on hard disk, and up to 68 minutes on removable media. Cuts range from two seconds to two hours or more, with sampling rates of 48, 44.1, or 32kHz. Drop into record manually or automatically, with triggering on audio threshold.

Digital editing of heads, tails, fades, and gain is non-destructive and sub-frame accurate.

Series 2500 DigiCart/II's replace their analog-only predecessors and feature AES/EBU, AES/SMPTE 75 ohm, and S/PDIF digital I/O ports, as well as balanced analog I/O.

Also available: Expanded storage capacity through the companion Hard Disk System, which houses up to five drives for added storage of up to 80 hours. Call us!

2500 DigiCart/II Bernoulli drive only
60TH2500 *MFR LIST* **$3995.00**

2502 DigiCart/II With 2 hour, 270MB hard disk & Bernoulli
60TH2502 *MFR LIST* **$4695.00**

2505 DigiCart/II With 4 hour, 525MB hard disk & Bernoulli
60TH2505 *MFR LIST* **$4995.00**

2510 DigiCart/II With 8 hour, 1-GB hard disk & Bernoulli
60TH2510 *MFR LIST* **$5495.00**

2520 DigiCart/II With 16 hour, 2-GB hard disk & Bernoulli
60TH2520 *MFR LIST* **$6495.00**

Accessories:

New! **On Screen II** is a Windows program for 486-equipped PC's, that controls up to three DigiCart/II's and provides on-screen info about drives, directories, and cuts. Included is printing software that helps print lists of cuts, stacks, and directories.

60THONSC2 *MFR LIST* **$795.00**

PC Hot-Keys is a Windows program that provides access to multiple banks of 50 audio cuts. Includes printing software described above.

60THPCHK2 *MFR LIST* **$595.00**

The **RC-220 Remote** duplicates the machine's front panel and includes 16 presets for instant playback and a keypad for rapid cut selection. Controls up to four machines. Useful in production.

60THRC220 *MFR LIST* **$745.00**

The **RC-210 Remote** is a simplified control panel, designed for on-air playback.

60THRC210 *MFR LIST* **$595.00**

The **RC-205 Mini-keyboard Remote** is useful for titling directories and files. It maps up to 100 cuts to "hot keys," a useful production tool.

60THRC205 *MFR LIST* **$130.00**

Call Bradley for a current price quotation.

See page 57 for Multimedia speakers.

AKAI Hard Disk Recorder

The DR4d combines disk-based recording and editing with a familiar tape-deck user interface... and you don't need a computer. It's a four in/four out recorder with 18-bit D/A converters, instant access to 108 assignable locations, audio scrub, switchable +4dBm or -10dBv output levels, and functions including cut-copy-delete-insert-erase-repeat (with Undo), digital I/O, and auto and manual punch in/out. The standard drive provides 60 minutes (15 x 4 tracks) of storage.

The "ping-pong" mode synthesizes ten total recording tracks, because up to four tracks can be bounced to one.

Increase to 16 tracks by linking four machines; hike storage capacity by simply adding more hard disks.

Rack ears are provided; the DR4d occupies three rack spaces. Digital I/O is AES/EBU and S/PDIF. Balanced analog connections are on 1/4" stereo phone plugs. Call us for pricing.

Options include a remote unit to provide synched control of multiple machines, SMPTE time code interface/generator, MIDI interface with machine control, and an additional digital I/O pair. Also ask about AKAI's new visual waveform editing software for the Mac, due in early 1995.

Call Bradley for a current price quotation.

Alesis ADAT® S-VHS Digital Multitrack

Bradley Best Seller

A proven digital recording technology, ADAT is also now more affordable.

The Alesis ADAT is a multitrack recorder that uses S-VHS tapes to record up to 40 minutes of CD-quality audio. One ADAT records eight tracks. ADAT lets you overdub repeatedly, control edit points, and do gapless, seamless punch-ins and -outs. You can combine 16 ADATs, capable of handling 128 tracks, without an external synchronizer.

Alesis uses 16-bit linear PCM encoding at 48kHz sampling and individual converters on each track. Unbalanced -10dBV 1/4" phone and balanced +4dBm multi-pin ins and outs are standard. The ADAT takes up only three rack spaces.

The optional BRC Master Remote Control is useful in audio post work where control of individual tracks is critical. It's a machine controller and SMPTE time-code chase lock synchronizer; it also lets you copy audio on one ADAT machine to any location on another ADAT, digitally and without patching.

For broadcast or editing applications where ADATs are slaved to a master video recorder or editing system, the optional AI-2 acts as a stand-alone chase synchronizer and Sony nine-pin protocol emulator, and provides MIDI Time Code.

The AI-1 option allows digital transfer of audio between ADAT and other digital equipment; each AI-1 handles two adjacent ADAT tracks at a time, via the AES/EBU or S/PDIF format, at 44.1 or 48kHz. (With a BRC, tracks need not be adjacent.)

Own a Digidesign Session 8? A new ADAT interface lets you take eight tracks back and forth easily. See page 2 for details.

ADAT	60AEADAT	*MFR LIST*	**$2999.00**
Accessories:			
BRC Master Remote Control	60AEBRC	*MFR LIST*	**$1499.00**
AI-1 AES/EBU and S/PDIF Digital Interface	60AEAI1	*MFR LIST*	**$899.00**
AI-2 Audio/Video Synchronization Interface	60AEAI2	*MFR LIST*	**$1299.00**

Call Bradley for a current price quotation.

See page 17 for blank ADAT, Hi-8, and other digital media.

Marantz CDR-610 Compact Disc Recorder

Record your own CD's with the Marantz CDR-610.

Assign up to 99 tracks, with 99 indexes per track. Recording can be stopped and then resumed at a later time. A unique skip feature allows misrecorded tracks to be masked.

Analog I/O is on balanced +4dBm XLR connectors, switchable to -10dBV. The CDR-610 uses high oversampling, one-bit A/D and D/A converters, and provides AES/EBU and optical digital I/O. Other features include automatic, manual, and on-the-fly track numbering and comprehensive power protection. No SCMS: archiving is unlimited. The CDR-610 produces discs that are Red/Orange Book compliant so that they will play on any CD machine.

A wired remote control with important transport functions is standard, and a nine-pin parallel I/O port allows control from external devices like digital workstations.

Use it for long-term audio storage, cut a demo or reference CD, compile jingles, make your own promotional discs, or customize a sound effects CD. Need blank discs? See page 17.

CDR-610	60MRCDR610	*MFR LIST*	**$5500.00**

Call Bradley for a current price quotation.

Sony PCM-800 Digital Multitrack Recorder

NEW

Sony enters the 8-track digital audio recorder marketplace with the new PCM-800. It uses a Hi-8 video cassette, and combines digital performance with professional features such as AES/EBU digital I/O plus analog XLR connectors. It also provides the basic audio functions, including precise audio punch in/out using digital crossfade technology and external sync with SMPTE/EBU time code.

Variable speed ±6%, selectable sampling of 44.1 and 48kHz, and adjustable crossfade time (10ms to 90ms in 10ms steps) are standard features. Up to 16 units can be operated in sync with the optional DABK-801 interface board, providing up to 128 channels. The optional RM-D800 is a remote control for operating up to six machines.

Get the benefits of digital 8-track with the quality of Sony.

PCM-800	60SOPCM800	*MFR LIST*	**$5995.00**

Call Bradley for a current price quotation.

Accessories:

DABK-801 Sync Board	60SODABK801	*MFR LIST*	**$800.00**
RM-D800 Remote	60SORMD800	*MFR LIST*	**$1500.00**

Tascam DA-88 Digital Multitrack Recorder

Eight channels in, eight channels out, digital audio, and menu-less transport control: The Tascam DA-88 uses a standard Hi-8 cassette to give you 1 hour 48 minutes of stunning digital storage on eight tracks. That's enough, on one tape, to cover any CD project and most audio or video broadcast jobs.

The unit's large meters, transport jog wheel, single button punch-in, and simple controls virtually eliminate the learning curve for anyone used to multi-tracking. Up to 16 units can be locked together for a total of 128 tracks. The DA-88's numeric display shows you absolute time in Hours, Minutes, Seconds, and Frames, as well as displaying memo times, pitch change, SMPTE Time Code and Offset.

Useful features include on the fly arming and front panel controls for cross-fades and track delay.

The optional remote control can handle six DA-88 transports. With the optional SY-88 Synchronization Board, the DA-88 will act as either SMPTE Master or Slave and provides video sync, RS-422, and MIDI Machine Control protocols.

DA-88	60TEDA88	*MFR LIST*	**$4499.00**

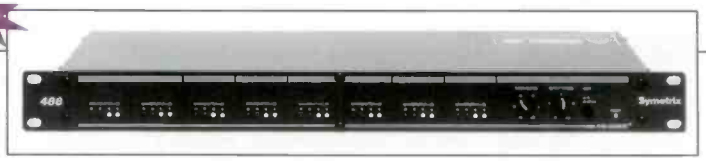
Call Bradley for a current price quotation.

Accessories:

RC-848 Multi-Machine Remote Control	61TERC848	*MFR LIST*	**$1499.00**
RC-808 Single Machine Remote Control	60TERC808	*MFR LIST*	**$200.00**
MU-8824 24-Channel Meter Bridge	61TEMU8824	*MFR LIST*	**$949.00**
SY-88 Sync Board	60TESY88	*MFR LIST*	**$799.00**
PW-88S Sync Cable (three feet)	61TEPW88S	*MFR LIST*	**$85.00**

Symetrix 488 DYNA-Squeeze

NEW



Stop wasting bits!

If you do eight-track recording to ADAT, DA-88, or a workstation like Digidesign, learn about the new 488 DYNA-Squeeze. It's an eight channel compressor/interface to increase average recording levels for people who like digital audio but end up with a common problem. You know: if you record too hot, clipping makes the audio unusable; record too low, and you waste digital bits and risk reduced S/N and more distortion.

The 488 gently squeezes your tracks toward the upper end of the recorder's dynamic range, giving digital recordings the feel of analog while preserving the clarity of digital. A single threshold knob lets you set the amount of compression; then turn the output gain to match the signal from mixer to recorder. That's it. Inputs are balanced bridging 1/4" TRS; outputs are unbalanced 1/4" TS.

The 488 also has a defeatable +4/-10 analog converter, so no longer are you forced to use a level interface or to set the fader on your analog mixer at only one-third level. A bypass mode drops the compression but keeps the level interface active.

Summary: eight channels of compression, eight channels of level matching, one low price.

488 DYNA-Squeeze	60SY488	*MFR LIST*	**$579.00**

Call Bradley for a current price quotation.

Denon MiniDisc Machines

NEW

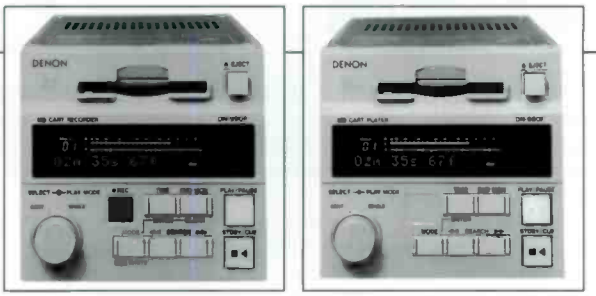
Denon does for the MiniDisc what it did for the compact disc: take a consumer digital format and adapt it to the demanding broadcast environment.

Users of Denon's CD CART machines will recognize popular features like instant start, programmable re-cue functions, a versatile rotary selector knob, and the "End Monitor" feature that lets you preview the end of cut audio. These decks then add the benefits of the MD format: digital editing, alphanumeric labeling, five cue tones per track, and, best of all, digital recordability.

Digital and balanced analog inputs and outputs are on XLR connectors. Serial and parallel control ports, searching down to the sound-group (11ms resolution), and a frame display are standard.

The brand-new DN-995R has all of the features listed above, plus switchable serial protocol (RS232/422), word clock in and out for external sync capabilities, auto time/date stamp on new recordings, and faster cue-up times. Included with the 995 (and optional on the other machines) is Denon's ACD-19 software. This Windows-based package aids in production control by putting the front panel functions on screen. The copy function allows digital transfer of program material and alphanumeric information from one MD to another.

DN-990R and DN-980F pictured



DN-990R Recorder/Player	60DEDN990R	*MFR LIST*	**$3200.00**
DN-995R Recorder/Player	60DEDN995R	*MFR LIST*	**$4000.00**
DN-980F Player	60DEDN980F	*MFR LIST*	**$2400.00**
ACD19MD Software	60DEACD19	*MFR LIST*	**$125.00**

Call Bradley for a current price quotation.

Sony MiniDisc Machines

MiniDisc machines are gaining great popularity for their ability to record and play digital audio over and over. The 2-1/2" discs can hold up to 74 minutes of remarkable audio, thanks to ATRAC compression. Text function lets you program the names of cuts. Divide, Combine, Erase, and Move functions let you configure your recorded cuts any way you like.

Sony offers several models. All models will play pre-recorded MiniDiscs as well as your own recorded MD's.

The MDS-3 recorder/player and MDS-B4P player are cart machine-style MiniDisc machines that bring the benefits of MD to the broadcaster and other professional user. The controls are familiar to any disc jockey. A wired remote, provided with the recorder, allows cut titling, effective dates (for commercials), and random cut programming. Features include Repeat Cut, Repeat All, and Auto Cue for immediate audio. Mount three machines in a standard rack. These models have analog +4dBm inputs on XLR connectors. S/PDIF digital I/O, and an RS-232 port.

The MDS-302 is a more affordable alternative, suitable for home or for stations on a budget. It's a 17"-wide, component-style machine with a wireless remote control. Date and clock stamp, shuffle, repeat, and programming modes let you hear the cuts you want. Analog and optical digital I/O are provided.

MDS-3 Recorder/Player	60SOMDSB3	*MFR LIST*	**$3200.00**
MDS-B4P Player	60SOMDSB4P	*MFR LIST*	**$2400.00**
MDS-302 Recorder/Player	60SOMDS302	*MFR LIST*	**$700.00**
74 minute Disc	60SOMDW74	*MFR LIST*	**$16.99**
60 minute Disc	60SOMDW60	*MFR LIST*	**$13.99**

Call Bradley for a current price quotation.

Henry Digital Recorders

Henry recorders hold your frequently used messages conveniently.

The **Digistor** will automatically answer your phone line and play your recorded message. It can also be used for "message-on-hold," or as a utility message repeater. With no cue time, the caller always hears the message from the beginning. Features include single or continuous playback. The Digistor can provide up to 8-1/2 minutes recording time. An optional call counter is available.

Digicord versions store your audio with better frequency response, and can hold up to 16 separate messages for playback in any order without re-cue time (eight are accessible from a front panel switch; all 16 from the remote connector). Record network news feeds or weather alerts, play ID's on a translator, record request line calls, program "talking signs", and more. Features include single or repeat modes and EOM output to start next event.

Features common to Digistor and Digicord include single or continuous play modes, battery backup to prevent memory loss during AC failure, remote control connectors, and the ability to record from mic or line sources.

Digistor, Frequency 2.5kHz, 2:02 min.	60HEDS		**$335.00**
Digistor, Frequency 3.5kHz, 1:20 min.	60HEDSHF		**$355.00**
Digistor, Frequency 2.5kHz, 8:32 min.	60HEDSXM		**$499.00**
Digistor, Frequency 3.5kHz, 5:30 min.	60HEDSXMHF		**$525.00**
Digicord, Frequency 5kHz, 5:25 min.	60HEDC		**$595.00**
Digicord, Frequency 8kHz, 2:40 min.	60HEDC8		**$595.00**
Accessory:			
Call Counter for Digistor	60HECOUNTER		**$40.00**

Fidelipac DCR1000

The DCR1000 is Fidelipac's digital cart machine, now improved with MO technology.

Audio is recorded and played on 3-1/2" floppy disks available at any computer store. Or choose instead the new optional magneto-optical drive, for a huge increase in storage capacity.

Maintenance is easy, tape costs go down, phase/flutter problems go away, and operators will feel instantly comfortable with the familiar controls.

Selectable sampling rates let you pick the best rate and disk size for your application. For example you might use 2MB floppy disks for commercials, and 13MB disks for songs up to 5:10.

The optional MO drive, installed in your machine at the factory, uses high capacity MO disks instead and can access 99 cuts. Typical MO storage: two hours of 15kHz audio at 32kHz sampling, or almost six hours of mono 10kHz audio at 22kHz sampling. Either 230MB or 128MB disks are accepted.

Instant start, AES/EBU digital input, and SEC/TER tones are standard; a PC keyboard is included with record models for titling and editing. XLR inputs and outputs are provided; all models are 1/3 rack width by 5-1/2" high. The DCR1000 uses apt-X audio compression.

DCR1020 Master Player	60FPDCR1020	*MFR LIST*	**$2975.00**
DCR1040 Record Module & Keyboard	60FPDCR1040	*MFR LIST*	**$2500.00**

Accessories:

MO230B Magneto Optical Drive	60FPMO230B	*MFR LIST*	**$800.00**
RM-4S Rack Shelf	61FPRM4S	*MFR LIST*	**$120.00**
FP-3 Filler Panel (1/3)	60FPFP3	*MFR LIST*	**$20.00**

Call Bradley for a current price quotation.

Need blank MO disks? See page 17.

Sony DTC-690 DAT Recorder

You get Sony quality at a value price with the DTC-690 DAT machine. The wireless remote control provides ten-key track selection. Inputs are RCA analog plus optical and coaxial digital; outputs are analog and optical. The display shows absolute and remaining time. The DTC-690 uses pulse type A/D and HDLC D/A converters and a three-motor, direct drive transport for reliable performance. It supports four-hour LP mode and incorporates SCMS copy management.

Need a rack shelf to hold your new DAT machine? See the line of Middle Atlantic products in our "Furnishings" section, or consider the Sony DTC-A7, below.

DTC-690	60SODTC690	*MFR LIST*	**$700.00**

Call Bradley for a current price quotation.

Sony DTC-A7 DAT Recorder

Bradley Best Seller

This DAT machine is popular with our customers. The DTC-A7 is similar to the economical DTC-690 (above) but also provides rack ears, a coaxial digital S/PDIF output, and a front-panel selector switch to choose sampling rates when recording from analog sources. The machine can also record the date and time on your tape.

DTC-A7	60SODTCA7	*MFR LIST*	**$1079.00**

Call Bradley for a current price quotation.

Bradley has all lengths of DAT tapes. See page 17 or call us today.

Panasonic SV-3700 DAT Recorder

Bradley Best Seller

One of our top sellers, the SV-3700 is a proven performer in the pro DAT arena.

Panasonic's advanced one-bit A/D converters and four precision D/A converters produce remarkable performance and linearity. The SV-3700 has a shuttle wheel for accurate cueing. The high speed transport, with up to 400 times speed, accesses any point on a tape in 30 seconds or less. The comprehensive front panel display can show error correction rates for assessing tape quality. The SV-3700 is built on a massive die-cast chassis that ensures stability.

Analog inputs and outputs are balanced XLR, and digital I/O is in both the professional AES/EBU and consumer S/PDIF formats. Recording is offered at 48kHz, 44.1kHz, and 32kHz.

The rack mount is included. The creativity is up to you.

SV-3700 60PASV3700 *MFR LIST* **$1895.00**

Accessory:
Remote Control 60PASSE44 *MFR LIST* **$50.00**

Call Bradley for a current price quotation.

Panasonic SV-4100 DAT Recorder

NEW

For top of the line DAT performance, consider Panasonic's new SV-4100, suitable for broadcast, digital mixing, stage work, editing and A/V post production.

External sync, for applications such as video post and stereo submix recording, supports five modes (video: 25, 29.97, and 30, plus Word Sync and Digital Data modes).

Quick Start provides sound almost instantly after a play command is executed, thanks to a built-in "start memory". The Quick Start position is adjustable with one-frame resolution.

With two SV-4100's connected via the eight-pin parallel terminals, you can perform synchronized frame-accurate editing. Four locate points let you assign addresses for quick access. If you know your target A-time, you can access it easily by punching in the time.

New 20-bit equivalent resolution DAC's and the same 1-bit, 64x oversampling A-D converters used in other pro Panasonic models combine to produce exceptional audio quality.

Audio connections include both analog XLR and industry standard digital I/O facilities in the AES/EBU and S/PDIF consumer formats. A rack kit is included.

Three way remote control (GPI, eight-pin parallel, and wireless), single-program play, adjustable output level, 250x normal speed search, selectable sampling rates, and many other features are standard. An optional parallel remote controller with 15' cable is available.

SV-4100 60PASV4100 *MFR LIST* **$2695.00**

Accessory:
RC-410 Remote Controller
60PARC410 *MFR LIST* **$250.00**

Call Bradley for a current price quotation.

Panasonic SV-3900 DAT Recorder

The Panasonic SV-3900 is designed for remote control applications. Up to 32 machines can be connected and individually controlled on an ES-bus local area network. The unit also accepts P2 protocols for single machine/controller combinations.

The optional SH-MK390 remote is for network management of single or multiple decks, providing ES-bus serial control of all transport functions. This lets you perform tasks like event automation, multiple DAT duplication, and assembly editing. Additionally, an RS-422 Serial Control port is available on the SV-3900 for control from external sources, such as a computer or editor.

The SV-3900 features one-bit A/D converters and four-stage D/A converters (two per channel) with 18-bit resolution. Analog inputs and outputs are balanced XLR, and digital I/O is in both the professional AES/EBU and consumer S/PDIF formats. Recording is offered at 48kHz, 44.1kHz, and 32kHz. Rack mount included. Programmers: ask about the software developer's toolkit, for use with Macintosh computers.

SV-3900 60PASV3900 *MFR LIST* **$2640.00**

Accessories:
SH-MK390 Remote Control 60PAMK390 *MFR LIST* **$430.00**

Call Bradley for a current price quotation.

Tascam DA-30MKII DAT Recorder

Tascam's popular DAT machine is newly updated as the DA-30MKII.

New features include a data/shuttle wheel, standard and long record modes, selectable copy ID provisions, and more. A wired remote is now optional.

This is an affordable, full function DAT recorder. With an improved 1-bit AD/DA conversion process, it sounds better than ever. Recording is offered at 48kHz and 44.1kHz sampling frequencies.

The shuttle wheel lets you search, as well as enter program numbers and trim the ABS time display when setting Start or Skip ID positions.

Features include 150 millisecond cue increments, digital I/O in both the AES/EBU (on XLR) and S/PDIF (coaxial) formats, start ID positioning, and both +4dBm and -10dBV analog inputs and outputs.

DA-30MKII	60TEDA30	*MFR LIST*	**$1499.00**

Accessory:

RCD-30 Wired Remote	61TERCD30	*MFR LIST*	**$85.00**

Call Bradley for a current price quotation.

Sony PCM-2700A DAT Recorder

The Sony PCM-2700A is a sophisticated professional DAT machine, suitable for broadcast use and record/play operations in recording studios. It features four heads for monitoring during recording, three sampling frequencies, and rack ears. Absolute time, high speed location, and date index are standard.

The 2700A provides remote fader start capability and dual digital I/O with both AES/EBU and S/PDIF formats to allow direct connection with most digital devices. The analog inputs and outputs are balanced XLR connectors. Sony's 1-bit pulse D/A converter provides clean playback with very low noise. The start and skip ID's can be written manually and moved easily in increments of 1/3 second using the rehearsal mode, a major convenience for broadcast use.

Wireless remote and rack kit are included. An optional wired controller provides parallel remote transport control.

PCM-2700A DAT Recorder	60SOPCM2700A	*MFR LIST*	**$3250.00**

Accessory:

RM-D7100 Remote Controller	60SORMD7100	*MFR LIST*	**$600.00**

Call Bradley for a current price quotation.

Eventide DAT Audio Logger

Don't spend more than you have to on an audio logging system. Eventide's new VR-204 is a four-channel digital logger, an affordable way to record and play up to 500 hours on one data-grade DAT tape. Record phone calls, off-air signals (yours and the competition's), two-way radio conversations, or any audio. Why use hard-to-maintain open reel decks or consumer cassette machines, when you can have the reliability of DAT logging?

Search tapes by date, time, and channel to find material quickly. An internal speaker and headphone jack are provided, as well as a line output and individual channel outputs. Response is 200-3400Hz, with typical S/N of 50dB. These rackable units are two spaces high.

The VR204 recorder is a single-drive machine, but it's equipped with a hard disk memory module which will continue to record when the tape is playing back an earlier segment (or runs out), and then download the audio in real time so your taped log is complete. An optional printer automatically prints labels.

VR-204 Record/Play Logger	60EVVR204	*MFR LIST*	**$7495.00**
VP-204 Play Only Logger	60EVVP204	*MFR LIST*	**$6295.00**

The play-only version is ideal for the GM or PD or the group's main office. We can also provide pricing on Eventide's larger VR240, with up to 24 channels.

Accessories:

DDS-2 Data Grade DAT tapes, 120 meter (box of 10)	60EVDDS2	*MFR LIST*	**$375.00**
DDS Data Grade DAT tapes, 90 meter (box of 10)	60EVDDS	*MFR LIST*	**$250.00**
Seiko Label Printer w/cable	60EVSEIKO	*MFR LIST*	**$325.00**

Call Bradley for a current price quotation.

Tascam Series 30 Recorders

Series 30 recorders come in two- and four-track versions and are designed for production needs at an economical price. Standard features include servo-controlled capstan motor with ±12% pitch control, motion sensing with dynamic reel braking, 10-1/2" reel capacity, return-to-zero function, and dump/edit capability. Both versions are 7-1/2 & 15ips quarter inch format with NAB equalization. RCA inputs and outputs are at -10dBV. Call for pricing on a rack kit and remote control.

Call Bradley for a current price quotation.

Model 32 two track	60TE32	*MFR LIST*	**$2299.00**
Model 34B four track	60TE34B	*MFR LIST*	**$2899.00**

Tascam BR-20 Recorders

The Tascam BR-20 two track has balanced +4dBm and unbalanced -10dBV inputs and outputs. Calibration controls are accessed from the front panel. The transport has a tension servo control transport for smooth operation. The autolocator has three cue points, zero return, and direct time location. Other features include ±12% pitch control, headphone monitoring, splicing block, dump edit and lifter defeat, and independent reel size selectors. The rack mount kit is standard.

Also available: the BR-20T with a center track to accommodate time code, gapless punch-in/punch-out, and spot erase. Call for pricing on a wired remote and BR-20T synchronizer.

Call Bradley for a current price quotation.

BR-20	60TEBR20	*MFR LIST*	**$2999.00**
BR-20T w/center track time code	60TEBR20T	*MFR LIST*	**$3599.00**

Otari Reel to Reel Recorders

The entry level MX-50II two track has its own built-in monitor speaker, ±7% varispeed, tape timer with search-to-zero and search-to-cue, standard record/reproduce level selection on input/output, headphone jack, and balanced inputs. It's a notable value in a 1/4" tape deck.

Otari MX-5050 models are selectable for 15 & 7-1/2 ips or 7-1/2 & 3-3/4 ips operation and have electronically balanced inputs and outputs on XLR connectors. The "BIII" two track has a mini-autolocator with three cue point memories, zero search, and a repeat function. The timer display shows tape time, as well as tape speed in inches per second and percentage of tape speed. Capstan speed can be varied ±20%. Other features include a tone oscillator and external oscillator input, headphone monitor, dump edit and lifter defeat modes, and mic/line mixing on each channel.

If you need a four channel recorder but want the economy of 1/4" tape, the MX-5050BQIII is an excellent choice. Among other features, it has gapless, seamless punch-in/punch-out.

Call Bradley for pricing and for information on Otari's other models for two-, four- and eight-track work, including the MX-55 and MarkIV series machines.

Call Bradley for a current price quotation.

MX-50II Two track	60OTMX50	*MFR LIST*	**$3050.00**
MX-5050BIII Two track	60OT5050B3	*MFR LIST*	**$4200.00**
MX-5050BQIII Four track	60OT5050BQ3	*MFR LIST*	**$7204.00**

Bradley is your source for quality reel tapes. See page 18.

Tascam 464 Portastudio

Tascam is a leader in four-track cassette products. The 464 offers four balanced XLR mic/line inputs and two stereo line inputs on 1/4" TS connectors. The mixer section also has dual effects sends and two stereo effects returns. The two speed recorder transport has all solenoid-type controls for quick, reliable response. The 464 also includes a dual point autolocator with return-to-zero and full auto-rehearse and auto punch-in/punch-out capability. All four tracks may be recorded simultaneously, and the metering, status, and tape counter are on a large LCD display screen.

464	60TE464	*MFR LIST*	**$999.00**

Call Bradley for a current price quotation.

Tascam Professional Cassette Machines

Bradley Best Seller

Tascam shows its commitment to the pro audio cassette deck business with these three heavy hitters. Each has Dolby HX Pro for up to 6dB of added high frequency headroom; each has Dolby B and C noise reduction. Three locate markers let you cue to important points on the tape quickly. A 25-pin parallel port allows multi-machine operation, external transport control, or fader start.

All models provide rack ears, ±12% pitch control, left and right input controls, and Cue and Review. Signal-to-noise is at least 78dB with Dolby C engaged, response with metal tape is 25Hz to 19kHz or better, and distortion is less than one percent.

122 MKIII: A three-head cassette deck with class. Use it on the air with confidence. Bias and level calibrations are on the front panel. Input level controls are gear/clutch coupled. The head system features Cobalt Amorphous heads with independent azimuth adjustment. The transport features DD capstan motor and Hysterisis Tension Servo System. Connectors are balanced (+4 dBm XLR) and unbalanced (-10 dBV, RCA on rear and 1/4" on front).

112 MKII: For Tascam performance in an economical machine, choose the 112 MKII, a two-head deck with unbalanced connectors (-10 dBV, RCA on rear and 1/4" on front). An optional balancing kit with XLR connectors is available.

112R MKII: This is a professional auto-reverse, three-head machine for applications requiring extended recording and playback time. A special head rotates 180 degrees to assure accurate alignment for playback of both sides of the tape. The deck has unbalanced connectors like the 112 MKII.

122 MKIII	60TE122MKIII	*MFR LIST*	**$1299.00**
112 MKII	60TE112MKII	*MFR LIST*	**$829.00**
112R MKII	60TE112RMKII	*MFR LIST*	**$1099.00**

Call Bradley for a current price quotation.

Accessories:

LA-112 Balancing Kit (for 112 MKII and 112R MKII)			
	60TELA112	*MFR LIST*	**$100.00**
RC-112R Remote Control (for 112R MKII)			
	61TERC112R	*MFR LIST*	**$225.00**
RC-134 Remote Control (for 122 MKIII and 112 MKII)			
	61TERC134	*MFR LIST*	**$225.00**

Don't see what you need in our catalog? Call us!

Technics Dual Cassette Machines

Dual cassette machines are a real bargain. These fine Technics models feature Dolby B&C noise reduction and Dolby HX-Pro headroom extension. Connectors are -10dBV on RCA phono jacks. For bi-directional interface amps, see pages 85-86.

The **RS-TR252** has one-way play in one well, and auto-reversing record/play in the other. It has a tape counter, headphone jack, and series play.

The **RS-TR474** plays in one, records in both, auto-reverses in both, and includes dual tape counter, 2X FF/REW speed, motor-driven well doors, and auto tape calibration for recording fidelity with any brand of tape.

The **RS-TR575** records in both wells, and allows sequential or simultaneous parallel recording from the same source. Other features similar to RS-TR474. An outstanding value.

RS-TR252	60TCRSTR252	*MFR LIST*	**$209.95**
RS-TR474	60TCRSTR474	*MFR LIST*	**$249.95**
RS-TR575	60TCRSTR575	*MFR LIST*	**$269.95**

Need a rack shelf? Call us!

Call Bradley for a current price quotation.

Tascam Dual Cassette Machine

The Tascam 202MKIII, now with rack ears and a better transport, has two auto-reversing wells with simultaneous record on both and continuous playback capabilities. Built for studio use, the 202MKIII is enhanced by Dolby HX Pro, Dolby B&C noise reduction, twice speed dubbing, and a headphone jack.

Machines are high impedance, low level, unbalanced on inputs and outputs; a bi-directional interface amplifier (pages 85-86) is recommended for broadcast applications.

202MKIII	60TE202MKIII	*MFR LIST*	**$499.00**

Call Bradley for a current price quotation.

Marantz Dual Cassette Machines

We feature two fine dual cassette Marantz decks. Both allow simultaneous recording from a single source, playback on one tape while recording on another, quick auto-reverse, Dolby B&C Noise Reduction, Dolby HX-Pro, music search, memory rewind, and more. Serial recording allows up to three hours of continuous material. Both are rackable, occupying three spaces, and provide -10dBV on unbalanced RCA connectors. An RC5 port makes serial, IR, or master remote control simple to configure. Standard or high speed dubbing and auto tape-type select are also included on both the PMD-500 and 510.

The PMD-510 is essentially two machines in one chassis. Its extra features include ±15% pitch control, cascade circuitry allowing series recording with multiple machines, and separate meters and counters for each well. You can also record from separate sources simultaneously; discrete inputs and outputs are provided. A switchable headphone jack allows cueing of one well while the other is playing.

The optional remote kit works with either model and includes a wall/rack mount controller with handheld wireless remote. It provides all transport functions and is useful for operating multiple units in parallel, for duplicating projects.

PMD-500	60MR500	*MFR LIST*	**$619.00**
PMD-510	60MR510	*MFR LIST*	**$799.00**
RC5PMD Remote Accessory Kit	61MRRC5PMD	*MFR LIST*	**$75.00**

Call Bradley for a current price quotation.

Marantz portables are first in the field. See Page 21.

Sony TC-WR645S Dual Cassette Machine

Among better high fidelity cassette decks, the Sony TC-WR645S is unusual. It has Dolby S type noise reduction as well as Dolby B&C and Dolby HX-Pro, for increased headroom and low distortion. One well records, both play, both auto reverse. Sequential play, high- and normal-speed dubbing, auto record calibration, and twin counters are standard features.

TC-WR645S	60SOTCWR645S	*MFR LIST*	**$350.00**

Note:
Rack mounting shelf is available for this model. Shelf is priced at only $89.00.

Call Bradley for a current price quotation.

Sony TC-K615S Cassette Machine

Here's a three-head Sony with Dolby B, C, and S type noise reduction, HX-Pro, sorbothane cassette stabilizer, and bias and record calibration with test tone oscillator. The two-motor tape transport and quartz control servo drive system make for accurate performance. A 16 segment FL display and linear tape counter make your life easier. Other features include memory with reset switch, multiple AMS track search, and switchable MPX filter.

TC-K615S	60SOTCK615S	*MFR LIST*	**$400.00**

Call Bradley for a current price quotation.

Teac V-600 Cassette Deck

Some manufacturers have gotten out of the single-well cassette deck business altogether. Teac fills the hole with the affordable V-600.

It's a stereo cassette deck with electronic counter, Dolby B&C type noise reduction, Dolby HX Pro headroom extension, independent peak level meters with peak hold, auto-tape selector, headphone jack, and more. Expect 25Hz to 19kHz performance using metal tape.

This model measures 17-1/8"W x 5-11/16"H x 11-3/16"D.

V-600	60TEV600	*MFR LIST*	**$239.00**

Call Bradley for a current price quotation.

Installing your cassette deck in your studio? Take our package of the V-600, three-space Middle Atlantic rack shelf, and Excalibur IA-1 dual balancing amplifier. A $466.00 retail value.

Package 9502 **$345.00**

Tascam 102MKII and 103 Cassette Recorders

The improved Tascam 102MKII now comes with rack ears and a better transport for greater durability. Both the three head 103 and two head 102MKII feature Dolby B and C noise reduction, Dolby HX-Pro headroom extension, tape counter, and automatic tape type sensing. You'll appreciate the uncluttered front panel with headphone jack and bias fine adjustment. Inputs and outputs are -10dBV on RCA jacks. Who could ask for more than Tascam cassette quality on a budget? Rack shelves for the Tascam 103 are on page 120.

Tascam 102MKII	60TE102MKII	*MFR LIST*	**$349.00**
Tascam 103	60TE103	*MFR LIST*	**$549.00**

Note: These models are high impedance, low level unbalanced on inputs and outputs. For broadcast applications, add a bidirectional interface amp (pages 85-86).

Call Bradley for a current price quotation.

Marantz Portable Cassette Recorders

For many professionals in our business, Marantz is a synonym for portable cassette recording. See page 21 for info on these rugged and reliable recorders.

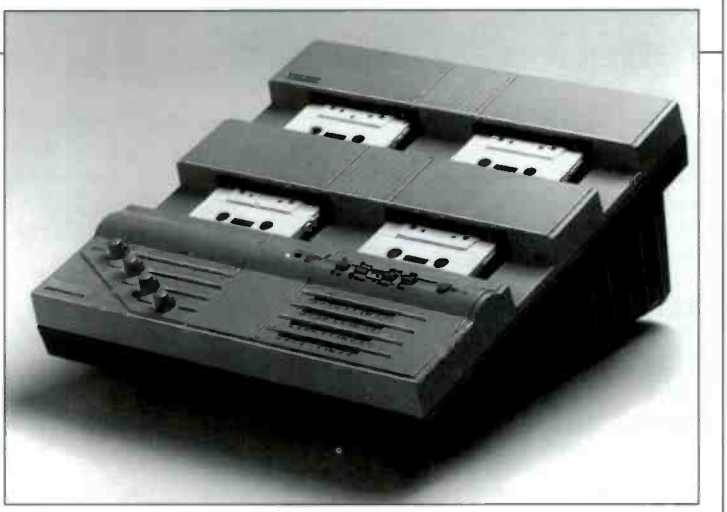
Excellent Kaces carrying bag for Marantz: page 30

PMD-101 mono, two head	60MR101	**$199.00**
PMD-201 mono, two head	60MR201	**$265.00**
PMD-221 mono, three head	60MR221	**$319.00**
PMD-222 mono, three head, XLR mic input	60MR222	**$339.00**
PMD-430 stereo, three head	60MR430	**$469.00**

Telex Cassette Duplicators

Distributing your programming on cassette? Need to duplicate lots of tapes in a hurry? Telex and Bradley can help with stereo or mono models. Example: the ACC2000 Master unit copies three mono normal bias tapes, at 16 times normal speed, and can be expanded to dub up to 27 by adding copy modules, each of which adds four wells. Features include individual audio controls for each channel, erase in copy positions, cleaning switch, and dust cover. Typical response is 50Hz to 10kHz. We can also quote stereo versions and models that handle normal and high bias tapes.

For affordable, portable copying, Telex Copyettes are just as fast, dubbing both sides of a C-60 tape in less than two minutes, all in a ten-pound package. Example: the Copyette 1-2-1 is a mono copier that makes one dub at a time with 50Hz to 6.3kHz response. A handle and protective hard cover are included. Call for pricing on stereo and three-copy Copyettes.



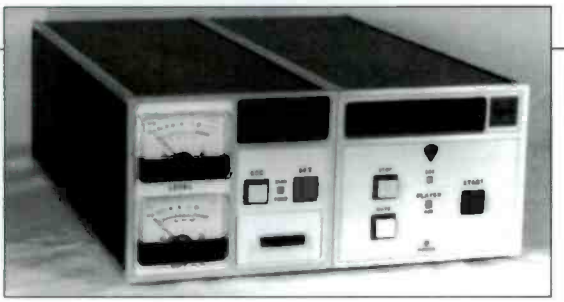
ACC2000 Master Copier, mono	60TXACC2000	*MFR LIST*	**$1855.00**
ACC2000 Copy Module, mono	60TXACC2000CM	*MFR LIST*	**$1855.00**
Copyette 1-2-1, mono	60TX300071000	*MFR LIST*	**$450.00**

Call Bradley for a current price quotation.

Audi-Cord DL Series Cart Machines

We're always looking for a good value at Bradley. We've sold these cart machines for years, and we're still impressed. They have two cue tones, replay reminder system, manual or automatic output muting, and automatic motor shutoff. Record models have bias and tone present indicators, automatic record/play meter switching, and front access tone editing. Engineers will appreciate the modular design, plug-in circuit cards, and heavy-duty construction. Choose single transport models or the exclusive "studio in a box" incorporating two record/play units on one chassis. Record units are also available with an integral timer, and tertiary (third) tone may be added to any deck.

Call for prices of timer and tertiary tone options.



Call Bradley for a current price quotation.

Mono playback	60ACDLPM	*MFR LIST*	**$1000.00**
Stereo playback	60ACDLPS	*MFR LIST*	**$1100.00**
Mono record/play	60ACDLRM	*MFR LIST*	**$1420.00**
Stereo record/play	60ACDLRS	*MFR LIST*	**$1640.00**
Dual mono record/play	60ACDLDM	*MFR LIST*	**$2500.00**
Dual stereo record/play	60ACDLDS	*MFR LIST*	**$2900.00**
Accessory:			
Rack shelf assembly	60AC1850006	*MFR LIST*	**$65.00**

Broadcast Electronics Dura Trak Cart Machines

The folks at B-E know how to build fine audio products. Their cart machines offer three cue tones, fast forward, cart-previously-played lockout, pressure roller cleaning mode, DC servo motor, and much more. Hall-effect switches will operate flawlessly through thousands of operations. A low voltage, current regulated solenoid provides a full 1.25 pounds of tape pull while generating 66% less heat than other machine designs.

Mono playback	60BRDT90P	*MFR LIST*	**$1650.00**
Mono record/playback	60BRDT90RP	*MFR LIST*	**$2500.00**
Stereo playback	60BRDT90PS	*MFR LIST*	**$1800.00**
Stereo record/playback	60BRDT90RPS	*MFR LIST*	**$2750.00**

Call Bradley for a current price quotation.

Fidelipac Dynamax Cart Machines

Fidelipac's place in the pantheon of cart deck makers is secure. The CTR10 is well known in the broadcast industry. Its features include fast forward, secondary and tertiary tones, high speed recue, and an audio switcher/mixer function for using multiple machines on a single console input. Audio test metering and a cart-played indicator with replay lockout make them even more useful. We can also supply information on the top of the line CTR100.

Call Bradley for a current price quotation.

CTR11 Mono playback	60FPCTR11	*MFR LIST*	**$1795.00**
CTR12 Stereo playback	60FPCTR12	*MFR LIST*	**$1935.00**
CTR13 Mono record/playback	60FPCTR13	*MFR LIST*	**$2640.00**
CTR14 Stereo record/playback	60FPCTR14	*MFR LIST*	**$2890.00**
ESD10 Eraser/splice finder	60FPESD10	*MFR LIST*	**$1290.00**

Note: Dynamax accessories, including rack shelves, calibration tools, and MaxTrax heads, are available. Contact your Bradley professional for info and for CTR100 pricing.

Need blank audio carts? Call Bradley now.

Cart Accessories

We carry all major brands of cart tape. Call us!

Geneva PF710 Zenith/Height Gauge

Provides three cart deck adjustment measurements with one gauge: zenith, track height, and tape guide position. Zenith adjustment accuracy exceeds NAB standard; height adjustment checks tape guide and track height to ±0.001" accuracy.

61NOPF710 **$38.00**

Cart Labels

Each sheet has eight labels. White with colored stripe. Specify black, brown, red, orange, yellow, green, blue, or purple stripe.

60BR834000X **$17.00 per 100 sheets - All same color**

MRL Cartridge Test Tapes

Bradley and MRL provide you with a comprehensive series of cartridge test tapes. We supply tapes loaded into the type of cart shell that you use, to ensure accurate setup. The multi-frequency tape is widely used for reproduce gain, head azimuth, and frequency response calibration. Also available are single frequency tapes, fast and slow sweeps, pink and white noise, and cue tone test tapes at the same price. These full track master recordings, with cue track erased, are suitable for mono or stereo players. Specify 160nWb/m or 250nWb/m.

audiopak shell	60MLS211AP	$60.00
ITC shell	60MLS211SC	$60.00
Fidelipac 300 shell	60MLS211FP	$60.00
Fidelipac Mastercart shell	60MLS211MC	$60.00
Fidelipac Dynamax Cobalt shell	60MLS211DC	$60.00

Professional Digital Media and Accessories

Denon Audio Technical CD

Spot and sweep frequency tones and a variety of other signals allow you to evaluate the THD, channel separation, and other characteristics of CD players and other audio components in your facility.

60DETCD *MFR LIST* **$30.00**

Denon Professional Test CD's (3)

Advances in digital technology call for more sophisticated reference CD's. This package is for the serious audiophile and the professional equipment tester. Disc 1 has measurement signals for use with your CD player and other audio gear. Disc 2 provides signals for measuring the acoustics of a performance or recording space. Disc 3 provides a variety of musical cuts with different instrument combos, for assessing systems like control rooms and monitor speakers.

60DECD6013 *MFR LIST* **$150.00**

CD Jewel Boxes

High quality replacement boxes at a great low price.

60EMJB **.78¢**

Purchase 25 or more for only 66¢ each

Intraclean CD-121 CD Cleaning System

If the data on a compact disc become soiled, the disc may not play properly. The CD-121 cleans discs using the radial movement (from the center out to the edge) recommended by disc makers. The rotating cleaning mechanism, combined with the special cleaning fluid, helps to ensure long life for your disc library.

60ICCD121 *MFR LIST* **$24.95**

Accessories:

Package of three replacement pads

60ICCD122 *MFR LIST* **$9.95**

Additional 1.5 ounce bottle CD-103 cleaning fluid

60ICCD103 *MFR LIST* **$6.95**

Discwasher CD Cleaner

The gear drive system ensures complete radial cleaning of the compact disc. Cleaning fluid is formulated to remove debris safely.

61DICDC *MFR LIST* **$17.95**

Accessories:

CD-1 Cleaning fluid refill and pads

61DICD1 *MFR LIST* **$7.95**

Call Bradley for a current quotation.

Discwasher CD Polish

Removes minor scratches and blemishes from CD surfaces. Package includes CD-1 cleaner, CD-2 polish, six applicator swabs and four polishing wipes.

61DICD2 *MFR LIST* **$10.95**

Discwasher CD Lens Cleaner

This disc-shaped cleaner uses a dual wet/dry action to ensure thorough lens cleaning.

61DICDL2 *MFR LIST* **$21.95**

Call Bradley for a current quotation.

Digital Media

MiniDisc

Length	Sony #	Price	Maxell #	Price
60 minutes	60SOMDW60	**$11.99**	61MXMD60	**$12.75**
74 minutes	60SOMDW74	**$13.95**	61MXMD74	**$15.45**

DAT

Length	Panasonic #	Price	Maxell #	Price
46 Minutes	61PARTR46P	**$6.69**	61MXR46DM	**$6.75**
60 Minutes	61PARTR60P	**$7.30**	61MXR60DM	**$7.50**
90 Minutes	61PARTR90P	**$8.80**	61MXR90DM	**$8.75**
120 Minutes	61PARTR120P	**$9.50**	61MXR120DM	**$10.50**

S-VHS and Hi-8 Tape

3M ASD Audio S-VHS Digital Cassettes provide at least 42 full minutes of record time (at 48kHz sampling). Perfect for your Alesis ADAT or Fostex RD-8. Specify album or sleeve packaging.

ASD-40+ (sleeve)	61SCASD40P	**$11.75**
ASD-40+ (album)	61SCASD40PA	**$12.25**

3M AHD Audio Hi-8 Digital Cassettes are for use with systems like the Tascam DA-88.

AHD-113	61SCAHD113	**$18.70**

Magneto Optical

230MB MO diskette	60FP230MBD	**$44.90**
128MB MO diskette	60FP128MBD	**$33.50**

Recordable CD's

Maxell 74 min	61MX622815	**$15.25**
Maxell 63 min	61MX622915	**$13.95**

Cleaning Tapes

Geneva DAT Cleaning Tape	61NOPF390	**$29.00**
Denon DAT Cleaning Tape	60DEK10CL	**$9.99**

Bradley offers the line of Halland Broadcast Services CD libraries, including seventies, country, country gold, rock and roll oldies, the eighties, and more. Call us.

Professional Analog Recording Media and Accessories

Ampex Reel to Reel

Model	Item No.	Size	Reels/ Ctn.	Carton Price	Single Price
499	61AM499174111	1/4" x 2500' x 10-1/2"	10	$223.20	$26.78
499	61AM49917611T	1/4" x 2500' HUB	10	124.00	N/A
456	61AM456151111	1/4" x 1200' x 7"	10	78.40	$9.40
456	61AM456173111	1/4" x 2500' x 10-1/2"	10	208.30	$24.98
456	61AM45617611T	1/4" x 2500' HUB	10	114.00	N/A
456	61AM456273111	1/2" x 2500' x 10-1/2"	7	257.60	$44.13
456	61AM456573111	1" x 2500' x 10-1/2"	5	395.80	N/A
456	61AM45697G111	2" x 2500' x 10-1/2"	2	275.70	N/A
406	61AM406151131	1/4" x 1200' x 7"	10	66.10	$7.93
406	61AM40617313J	1/4" x 2500' x 10-1/2"	10	170.10	$20.40
406	61AM40617613T	1/4" x 2500' HUB	10	91.80	N/A
407	61AM407151131	1/4" x 1800' x 7"	10	86.90	$10.42
407	61AM40717313J	1/4" x 3600' x 10-1/2"	10	230.80	$27.67
407	61AM40717613T	1/4" x 3600' HUB	10	146.50	N/A

Ampex Tape Types
499 Grand Master Gold, 1.5 mil, Backcoated.
456 Grand Master, 1.5 mil, Backcoated.
406 Mastering, 1.5 mil, Backcoated.
407 Mastering, 1.0 mil, Backcoated.

Test Tapes

MRL Reel to Reel Test Tapes

You can rely on MRL reel test tapes. Spot frequency tapes are for overall frequency response checking. Fast sweep and pink/white noise tapes are for frequency response or phasing verification. Most 1/4" test tapes for 7-1/2 and 15ips are $57.00 and most 1/2" tapes at those speeds are $118.00. Tapes can be ordered with NAB or IEC equalization; for all tape sizes; for various operating levels; and for various ips speeds. Below is a selection of our most popular tapes. Call for info on other flavors.

1/4" Spot Frequency, 7-1/2ips, 250nWb/m, NAB	60ML21T204	$ 57.00
1/4" Spot Frequency, 15ips, 250nWb/m, NAB	60ML21J205	$ 57.00
1/2" Spot Frequency, 15ips, 250nWb/m, IEC	60ML31J229	$118.00

Geneva AT-200B Cassette Alignment Tape

Cassette decks need periodic alignment too. The AT-200B conforms to IEC/NAB standards. Tests include seven spot frequencies, 400Hz Dolby calibration tone, pink noise and sweep tone for stereo phasing, and 3150Hz pilot tone for wow and flutter measurements. 61NOAT200B **$109.00**

3M Reel to Reel

Model	Item No.	Size	Reels/ Ctn.	Carton Price	Single Price
996	61SC996141200	1/4" x 1200' x 7"	20	$177.39	$10.95
996	61SC996142500	1/4" x 2500' x 10-1/2"	10	$238.95	$29.50
966	61SC966141200	1/4" x 1200' x 7"	20	$166.05	$10.25
966	61SC966142500	1/4" x 2500' x 10-1/2"	10	$221.94	$27.40
966	61SC9661425H	1/4" x 2500' x Hub	12	$139.00	N/A
966	61SC966122500	1/2" x 2500' x 10-1/2"	10	$334.13	$41.25
908	61SC908141200	1/4" x 1200' x 7"	20	$153.90	$9.50
908	61SC908142500	1/4" x 2500' x 10-1/2"	10	$198.45	$24.50
908	61SC9081425H	1/4" x 2500' x Hub	12	$125.00	N/A

3M Tape Types
996 1.5 mil, back-treated, high output low noise, for critical audio mastering
966 1.5 mil, back-treated, high output low noise, low print, for critical audio mastering
908 1.5 mil, back-treated, low print low noise

Cassette Tapes

Bradley saves you money on the cassette tapes you need. Get the same low price on any quantity up to 100. When ordering 100 tapes of any mix, take an additional 10% off.

Model	Length	Item Number	Price
Maxell XLII	60 min	61MXXL2C60	$2.17
Maxell XLII	90 min	61MXXL2C90	$2.71
Maxell XLII	100 min	61MXXL2C100	$2.98
Maxell MX-S	60 min	61MXMXS60	$2.17
Maxell MX-S	90 min	61MXMXS90	$2.71
Maxell MX-S	100 min	61MXMXS100	$2.98
3M AVX	20 min	61SCAVX20	99¢
3M AVX	30 min	61SCAVX30	$1.05
3M AVX	60 min	61SCAVX60	$1.25
3M AVX	90 min	61SCAVX90	$1.70
3M AVX	120 min	61SCAVX120	$2.19

Tape Types
Maxell XLII - Type II, high bias for music recording.
Maxell MX-S - Type IV, metal formulation for critical recording.
3M AVX - Type I, normal bias for general recording.

Weircliffe Metal Tape Degausser

Erase DAT, Hi-8, audio carts, S-VHS, floppies and other media. With today's focus on EMI magnetic effects, Weircliffe provides special shielding to protect you and your nearby equipment. Handles 270 DAT tapes an hour. For broadcasters, schools, police and fire departments, and many others. Call us for info on the full Weircliffe lineup of video and audio degaussers.

BTE-220 60WCBTE220
MFR LIST **$2995.00**

Call Bradley for a current price quotation.

Reel to Reel Tape Accessories

3M RSD-1 Dispenser

Store and dispense your most used tape accessories right on your desktop. It provides space to store an assortment of seven leader, timing, and splicing tapes, a brush to hold razor blades, and space for a container of head cleaning solution and cleaning swabs. (The supplies themselves are sold separately.)

RSD-1	61SCRSD1	**$126.00**

3M Splicing Tape For 1/4" Tape

#41 1.5mil acetate tape in white. General use splice tape with a non-removable adhesive. 66 feet per roll.

61SC41 **$3.49**

#67 1.0mil polyester tape in blue. Durable, but removable. 100 feet per roll.

61SC67 **$5.90**

#620 1.0mil polyester tape in white. High reliability with a permanent bond. 66 feet per roll.

61SC620 **$5.15**

Call for pricing on larger format splicing tapes.

3M Leader Tape For 1/4" Tape

#20 2.5mil uncoated white paper, 7" reel, 1000 feet.

61SC2014 **$7.60**

#61 1.5mil polyester with timing indications each 7-1/2 and 15 inches. 7" reel, 1500 feet.

White	61SC61W	**$19.50**
Red	61SC61R	**$19.50**

Call for pricing on larger format leader tapes.

3M Specialty Tapes

Relabel tape covers old, messy labels on your tapes, reels, and boxes. Removes easily. In plastic dispenser, 3/4" x 700'.

61SCRLT **$2.00**

Zebra Striped Hold-down tape, 1/4" x 90'.

61SC8125A **$10.20**

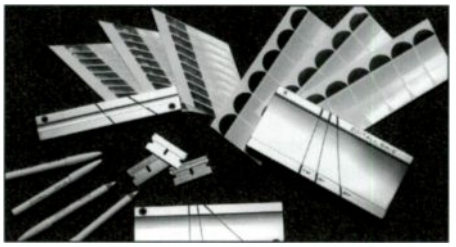
Empty Reel and Boxes

1/4" x 7" plastic reel	60EM7R	**$ .89**
Box for 7" plastic reel	60EM7WB	**$ .55**
1/4" x 10-1/2" plastic reel	60EM10R	**$2.90**
Box for 10-1/2" plastic reel	60EM10WB	**$1.45**
1/4" x 10-1/2" metal reel in box	61SCRNB14	**$18.75**

Editing Supplies

Editall pre-cut polyester splicing tabs make splicing recording tape easy.

250 1/4" tabs	61EDCX1	**$15.00**
250 1/2" tabs	61EDCX6	**$25.00**
250 1" tabs	61EDCX8	**$37.00**
250 cassette tabs	61EDCX3	**$15.00**



Editall splicing blocks are precision machined anodized aluminum blocks that hold the tape firmly for fine quality splices. Provisions for multitrack and 45-degree cuts.

1/4" block	61EDS3	**$42.00**
1/4" block with 90-degree and 45-degree cuts	61EDS390	**$39.00**
1/4" replacement block for Otari	61EDS3OT	**$49.00**
1/2" block	61EDS35E	**$52.00**
1" block	61EDS4	**$87.00**
2" block	61EDSA2	**$165.00**
Cassette block	61EDS1S	**$42.00**

White grease pencils for marking recording tape. One dozen. 61EDWP1 **$14.00**

100 single edged razor blades designed for professional splicing. 61EDRB1 **$15.00**

Bulk Tape Erasers

Audiolab Products

The TD-1B tabletop unit erases magnetic media up to 1/4" thickness on reel sizes up to 10-1/2". Great for carts. Pushbutton switch prevents accidental burnout from leaving unit on, and a thermal protector prevents overheating. Eraser duty cycle is one minute on, three minutes off. Or choose the Audiolab TD-4 for heavy use. It erases up to 14" reels, 1" wide. Adjustable on cycle, cooling fan, and automatic shut-off for trouble-free operation. Use for audio, video, computer, and cartridge tape. The TD-5 version is for 2" tape.

TD-1B	60AUTD1B	*MFR LIST*	**$145.00**
TD-4	60AUTD4	*MFR LIST*	**$950.00**
TD-5	60AUTD5	*MFR LIST*	**$1695.00**

Call Bradley for a current price quotation.

Geneva PF-211

The powerful 60Hz magnetic field in this hand-held model erases 1/4" reels, cassettes and cartridges.

61NOPF211 *MFR LIST* **$79.99**

Intraclean Head Care Products

S-711 Intraclean is the cleaning solution used by the top manufacturers for tape heads, capstans, and pinch rollers. Formulated of halogenated hydrocarbons, S-711 removes the toughest oxide deposits. It contains no alcohol (which can dry out pinch rollers) and its controlled evaporation allows fast drying.

Two ounce bottle	60ICS711	**$7.15**
Quart can	60ICS711Q	**$22.00**
Gallon can	60ICS711G	**$65.00**
Pump dispenser	60ICPD	**$17.00**

Cotton cleaning swabs with 6" maple stick. The tip is wound tightly and mounted with glue to prevent unraveling.

100 swabs	60BBCS100	**$2.95**
1000 swabs	60BBCS1000	**$18.95**

D-511 head demagnetizer reaches the tightest places to remove residual magnetism. Plastic probe is safe for sensitive heads. Leaf switch activates with fingertip pressure. Use on reel-to-reel, cassette, and cartridge machines.

60ICD511 **$29.95**

K-161 head care kit is a package that includes the CD-511 demagnetizer, a two ounce bottle of S-711, and 100 cotton swabs. Convenience and economy.

60ICK161 **$35.95**

Tascam DA-P1 Portable DAT

NEW

Tascam makes a major commitment to the portable DAT business with its new DA-P1. Look what this affordable machine has for the audio professional: Balanced XLR-type mic/line inputs with phantom power, and unbalanced RCA. Digital S/PDIF output. Rechargeable two-hour battery. And no SCMS copy protection.

The DA-P1 features rotary two-head design and two direct-drive motors giving it one of the best transports in its class. Next-generation digital converters provide remarkable audio performance, with response of 20Hz to 20kHz ±1dB and distortion below 0.004%.

Just because it's compact doesn't mean it sacrifices features, either. You get selectable sampling rates, a mic limiter, and 20dB pad. For monitoring, the unit has a TRS jack and level control for use with any headphones. The display shows program time, sampling rate, ABS time, and record margin; displaying counter mode is easy, as is counter reset, margin reset, and ID select. A hold switch prevents accidental operation.

Standard accessories include a shoulder belt, AC adapter, and one battery. Optional accessories include additional rechargeable batteries and a carrying case. Call for pricing. If you use DAT in the field, this one's for you.

DA-P1 60TEDAP1 *MFR LIST* **$1799.00**

Call Bradley for a current price quotation.

Sony TCD-D7 DAT Walkman Recorder

Bradley Best Seller

Exceptional battery efficiency makes the TCD-D7 a popular choice for field work. This lightweight Sony recorder/player can run for four hours on four "AA" cells and weighs about a pound. Digital volume limiting, automatic date function, and audible cue are standard. It offers 20-22kHz audio at 48 and 44.1kHz sampling; 32kHz is also supported. Standard DAT tapes give you two hours of the highest fidelity audio, or four hours in long-play mode.

TCD-D7
60SOTCDD7 *MFR LIST* **$699.95**

Call Bradley for a current price quotation.

Sony NT-1 Scoopman Mini-DAT Recorder

The tape for this mini-DAT recorder is so small, everyone who sees it smiles. Then when they listen to the NT-1 on headphones, they're astonished.

The Scoopman is designed as the most portable digital tape recorder ever. It measures less than 5" x 3" x 1", weighs less than six ounces, and boasts a frequency response of 10Hz to 14kHz thanks to its own compression scheme. The mini-DAT tapes are no bigger than a large postage stamp.

Our customers use it for newsgathering, and to relax and enjoy music that they previously recorded, with incredible fidelity. You can record up to two hours at 32kHz sampling and a 2x oversampling rate. The NT-1 also includes power supply, line in/out adapter, one-point stereo condenser microphone, earset, case, cables, and a tape. The mic and headphone connectors are 1/8" TRS.

The Scoopman runs up to seven hours on one "AA" cell.

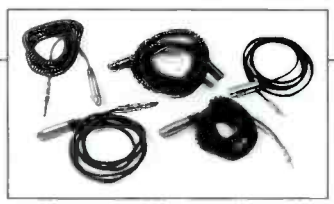
Scoopman NT-1 60SONT1 *MFR LIST* **$1199.95**

Call Bradley for a current price quotation.

Accessories:

60 Minute NT Tape	60SONTC60	**$10.95**
90 Minute NT Tape	60SONTC90	**$14.95**
120 Minute NT Tape	60SONTC120	**$17.95**
NT Cleaning Tape	60SONTC10CL	**$16.95**

Bradley ENG Mic Cables



XLR female to XLR male, coiled cable	61GCENG5	**$35.95**
XLR female to XLR male, straight cable	61WHMK406	**$12.00**
XLR female to XLR male, straight (10')	61WHMK410	**$13.50**
XLR female to 1/4" TS, straight cable	61WHENG4	**$12.00**
XLR female to 1/8" TS mini, straight cable	61WHENG	**$12.00**
XLR female to 1/4" TS, coiled cable	61WHENG2	**$28.00**
XLR female to 1/8" TS mini, coiled cable	61WHENG3	**$28.00**

Bradley can supply any kind of cable you need. These models are designed for portable DAT and cassette recorders, and will stand up to the rigors of field use. Straight cords are 6 feet long except where noted; coiled cords extend to over ten feet. See pg. 92 for other mic cables and accessories.

Sony TCD-D10 Pro II Portable DAT Recorder

The TCD-D10 Pro II is a sophisticated world traveller, a DAT portable for audio professionals. Mic/line inputs are balanced XLR, and a level attenuator, low cut filter, and peak limiter can be used with the mic inputs. Digital transfer is possible in both the AES/EBU and S/PDIF formats. The index and search features allow high speed cut access, and a range of status information is available on the LCD display. End search makes it easy to find the position of your last recording. Absolute Time recording and playback provides an accurate time reference that can be translated to SMPTE time code. Four direct drive motors enhance reliability and provide great stability in extended use.

Weight: 4 lbs. 7 ozs.

Two rechargeable battery packs, a battery recharger, AC power supply, a pistol-grip type remote control, and a carrying case are included.

TCD-D10 Pro II 60SOTCDD10PRO *MFR LIST* **$3675.00**

Call Bradley for a current price quotation.

Accessory:

Spare rechargeable battery 60SONP22H *MFR LIST* **$50.00**

Marantz Portable Cassette Recorders

Bradley Best Seller

The **PMD-101** is the newest member of the Marantz family, an affordable, two-head mono portable with ±20% pitch control, tape counter, line input/output RCA jacks, and a headphone jack. Use the built-in condenser or plug in your own mic with 1/4" connector. Tone control, low-battery LED, and two speeds are standard.

60MR101 **$199.00**

The **PMD-222** is, year after year, Bradley's most popular portable cassette recorder. This three-head mono deck provides a balanced XLR input for your favorite pro microphone. Other features include VU meter, two-speed operation, auto-shutoff, four way power, built-in electret condenser mic, cue and review, memory rewind/replay, and 1/4" TRS headphone jack. This machine incorporates switchable limiter, built-in modular telephone jack, pitch control, automatic noise-control switch, and metal tape capability.

60MR222 **$339.00**

The **PMD-221** contains all features of the PMD-222, above, but its mic input is 1/8" TS mini.

60MR221 **$319.00**

The **PMD-201** is a two head version of the PMD-221, minus memory rewind and play. Mic input is 1/8" TS mini.

60MR201 **$265.00**

The **PMD-430** is a stereo portable with dbx noise reduction and three heads. Features include 6% pitch control, illuminated VU meters, limiter, Dolby B, and bias fine adjust. Memory rewind, auto shut-off/replay, three step mic attenuator,

and headphone jack round out the useful functions built into this advanced recorder. Mic inputs are 1/4" TS, line inputs and outputs are RCA phono. Carrying case included.

60MR430 **$469.00**

Accessories:

Kaces KEB20 Gig Bag (see page 30)	40KEKB20	**$22.50**
Vinyl carrying case for PMD 221 and 201	60MRCLC221	**$35.00**
Porta-Brace deluxe case for all PMD recorders	60PBAR222	**$175.00**
Ni-cad battery pack for all PMD recorders	60MRRBD430	**$66.00**

Get The Story!

Bradley Best Seller

We make your news gathering easy with our "get the story" packs. You get the mono Marantz portable tape deck of your choice, plus Shure's Indestructible VP64 mic, and one of our coiled ENG mic cables.

EXTRA! Complement your new "Get The Story" pack with Bradley's special accessory kit, which includes a Rowi mic clamp, desk tripod mic stand, Sennheiser HD320 headphones, 25' XLR-to-XLR mic cable with CordLox strap, a 10" rubber gooseneck, and a handy Kaces gig bag to hold it all. A $235 value.

Package 9503 Only $149.00

Package 9504 with PMD-222 $449.00

Package 9505 with PMD-221 $419.00

Package 9506 with PMD-201 $369.00

Bring It Back!

Monaural Package

Our mono "Bring It Back" Pack includes the Marantz PMD 222 three head cassette recorder with vinyl case, a fine Beyer M58 mic with windscreen and clip, Sennheiser HD320 headphones, a coiled ENG cable, a 25' XLR to XLR cable with Cord-Lox, a 16" Rubberneck gooseneck, and a Rowi clamp.

Valued at over $1000.00.

Package 9507 **$699.00**

Stereo Package

Our finest portable "pack". The Audio-Technica AT822 stereo mic and the Marantz PMD 430 three head cassette deck are at the heart of this stereo package. Also included are a windscreen and adapter cables for the mic, a case for the recorder, and a 25' XLR to XLR cable with Cord-Lox.

Valued at over $1000.00.

Package 9508 **$749.00**

Sony Portable Cassette Recorders

Sony M627V Pressman

For voice recording anywhere you go, try this microcassette machine from Sony. The M-627V weighs about six ounces and can operate for up to 18 hours on two "AA" cells. It provides frequency response of 250-4000Hz. The mic is built-in, or you can plug in your own on a mini jack.

A cue function plays the tape at 20% faster speed to let you find your spot on the tape quickly. A counter, battery LED, and auto shut-off are standard. This model features voice operated recording; it activates the recording function only when audio is present.

M627V	60SOM627V	**$52.95**
Sony Microcassettes, 10 pack, 30 min./side	60SOMB60BMA	**$25.00**

Sony TCM-5000EV Pressman Cassette

Journalists will appreciate the features of this three head mono cassette machine.

In the voice activated (VOX) mode, the deck will delay the recording of audio material until the motors get up to speed. The result is gapless VOX operation.

A warning signal in your headphones warns you when the tape is running out. Other features include built-in condenser mic, one touch recording, a -20% to +40% pitch control, instant edit mode, one touch review, complete auto shutoff at the end of the tape, locking pause control, VU meter/battery life indicator, tape counter, and earphone jack.

Mic input is 1/8" mini TS. Four alkaline "C" cells will provide about 20 hours of recording.

TCM-5000EV	60SOTCM5000EV	**$479.95**

Sony TC-D5 Pro II Stereo Recorder

You'll find it hanging from the shoulders of the best in our business. The stereo TC-D5 Pro II portable has been an industry standard for years. Mic inputs are female XLR connectors, line outputs are RCA, and the headphone output is 1/4" TRS. Powering is by two "D" cells, optional AC supply, or external 6 or 12VDC. Frequency response is excellent, and Dolby B provides a 6dB improvement in signal/noise ratio. Useful features include lighted VU meters, battery check button, and record limiter. The unit comes with carrying case, shoulder strap, and belt, and weighs under four pounds.

TC-D5 Pro II	60SOTCD5	**$839.00**
Accessories:		
Porta-Brace deluxe case	60PBARD5	**$175.00**
AC Adapter AC-D468	60SOACD468	**$39.95**
Also available:		
TC-D5M has all of the features of the Pro II with the exception of the mic inputs, which are 1/4" TS.	60SOTCD5M	**$699.95**

Bradley specializes in Field Production.
Don't see what you need? Please give us a call.

Shure Mixers

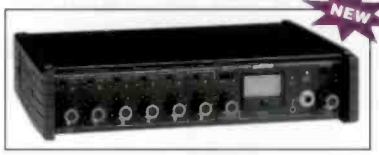
Top: **FP42**

Center: **M267**

Bottom: **FP16A**

The **M267** provides the comfort of a known, proven quantity. It's a compact four-input professional mono microphone mixer, with VU meter, switchable limiter, phantom mic power, built-in battery pack, automatic muting circuit, and headphone jack with level control. Mic and line switches are provided on inputs and outputs. Also featured are tone oscillator, battery check, four XLR inputs, one XLR output and a binding post output, mix bus connection, low cut filters, and low RFI and noise susceptibility. Works off 120/240VAC or with three 9V batteries.

M267A 60SHM267 *MFR LIST* **$565.00**



M367

The new **M367** is even better than the M267: it's over 25dB quieter, ideal for the digital age, and has another two mic-line inputs, for a total of six. Other new features include input peak LEDs, 12V and 48V phantom power, headphone monitor circuit, two XLR outputs, adjustable limiter threshold, full meter illumination, and more. Delayed power-on means no start-up "pop". Runs on two 9V batteries.

M367 60SHM367 *MFR LIST* **$795.00**

FP32

The **FP42** provides the features of the best-selling M267 (above), plus stereo capability and more. Four balanced mic/line inputs with pan pots are provided. Each channel provides phantom power, and cue audio is routed to the stereo headphone jacks when a channel control pot is pulled out. It can operate for eight hours continuously on three 9V alkaline batteries, or plug into 120/240VAC. Front panel controls include mono/stereo switch, tone oscillator, limiter on/off, and headphone level control.

FP42 60SHFP42 *MFR LIST* **$1150.00**

FP32A

The **M268** (not shown) five-input mono mic mixer has four transformer balanced mic inputs with phantom power, four 1/4" phone jack inputs, an auxiliary line input, and a master volume control. Connecting the M268 with the M267A via the latter's mix bus effectively creates a nine-input mic mixer. You can also use it to expand inputs on other equipment. Operates on 120/240VAC.

M268 60SHM268 *MFR LIST* **$350.00**

Accessories:

Rack mount kit for M367
61SHA367R *MFR LIST* **$35.00**

Rack mount kit for M267 & M268
61SHA268R *MFR LIST* **$35.00**

Rack mount kit for M68FCA
61SHA68R *MFR LIST* **$38.00**

Rack mount kit for FP42 and FP16A
60SHA16R *MFR LIST* **$35.00**

Call Bradley for a current price quotation.

The **M68FCA** (not shown) is for those who want Shure mixing quality but few other features. This economy model provides four mono mic channels, each switchable for high- or low-impedance mics, master gain control, and mic and line level outputs. Operates on 120/240VAC.

M68FCA 60SHM68FC *MFR LIST* **$255.00**

The **FP16A** is a one-in, six-out portable audio DA for routing multiple audio feeds. It's suitable as a portable press bridge, or for remote functions, ENG applications, or any place where multiple mic/line outputs are needed. Includes XLR transformer-balanced I/O (each switchable for mic or line level), phantom power, link jacks for ganging units, and screwdriver-set gain controls. Optional rack mount available; runs on 120/240VAC or three 9V batteries for up to 20 hours operating time. The battery supply also automatically cuts in if normal AC power fails.

FP16A 60SHFP16 *MFR LIST* **$625.00**

With the **FP32** stereo mixer, you get three mic/line channels with center-detented pan pots for true stereo mixing capability. A concentric, clutched master stereo gain control is also included. Field users will appreciate its slate mic and tone feature, plus built-in simplex or A-B phantom powering. The FP32 has two illuminated VU meters plus battery check switch, along with carry case and shoulder strap. Uses two 9V batteries; a third battery is required for A-B power.

FP32 60SHFP32 *MFR LIST* **$1295.00**

FP32A: Never a company to leave well enough alone, Shure has an improved portable stereo mixer with a 30dB reduction in self-noise, so it's more compatible with today's digital equipment. We like it for critical field work. Other improvements: a dynamic range of over 100 dB; LED indicators for input levels, limiters, and low battery; recessed panpots to prevent accidental movement; and three kinds of phantom power for each input, including 48V. Standard features include three inputs, two outputs, and cable to connect two mixers. Uses two 9V batteries.

FP32A 60SHFP32A *MFR LIST* **$1795.00**

Shure FP22 Stereo Headphone Amp

This 16-ounce unit is a new standard in headphone amplification, providing stereo monitoring. The "Stereo+1" feature allows a mono signal and a stereo signal to be mixed any way the user wishes (with either or both signals in either or both ears). It's also 16dB quieter than its predecessor, the FP12. An attached belt clip lets you set it and forget it. Loop-through bridging lets you chain units together. XLR and phone jack connectors are used. Power is from one 9V battery or 12-24VDC.

FP22 60SHFP22 *MFR LIST* **$375.00**

Shure FP11 Mic/Line Amp

The FP11 battery operated mic-to-line amplifier provides gain of up to 84dB, adjustable in 6dB steps. The unit has both a balanced XLR mic level input and a 1/8" TS mini input for a high level, high impedance source. The output is transformer balanced and appears on both an XLR connector and a set of spring contact binding posts. A smooth, switchable peak limiter and belt clip are included in this rugged, dependable unit. Powered by a single 9V battery.

FP11 60SHFP11 *MFR LIST* **$325.00**

Call Bradley for current price quotations.

AEQ MP-10 Portable Mixer

NEW

AEQ takes to the road with the MP-10 portable mixer. Its rugged travel-worthy chassis packs many features, including level meter, pulse-and-tone dialer, test tone generator, large knobs, and headphone outputs for a technician and three talent. You can also record a 32-second looping message to feed down your network. A soft carrying case is included.

The ten-pound MP-10 provides five mixing inputs switchable mic/line, with phantom power provided. Outputs include transformer balanced program out, electronically balanced auxiliary out, a bus output to allow cascading connections, and a phone jack. Talkback output is also transformer balanced. Mic/line inputs and program outputs are on XLR connectors; headphones are 1/4" jacks. Two independent circuits allow two-wire or four-wire modes, so you can set up one-way or bi-directional communications with the studio.

Operate the MP-10 on AC, or use the internal Ni-Cd rechargeable batteries for up to four hours of operation. Batteries recharge automatically, and kick in if AC power is lost.

MP-10	60AQMP10	*MFR LIST*	**$1450.00**

Call Bradley for a current price quotation.

Zercom Remote Consoles

Zercom's MAX-Z II is an elegant unit for remote broadcast situations. Weighing only six pounds, this compact unit comes complete with carrying case so it is road-ready for your remote requirements. Its features include two mic/line inputs (one switchable to cue), plus 1/8" TS tape input, two headset outputs, and 24 hours continuous duty on one battery charge. Front panel indicators display battery and AC status, power on, line active, cue active, and VU indications. A tone/pulse touch pad features last number recall.

MAX-Z II	60ZEMAXZII	*MFR LIST*	**$750.00**

For a step up, consider the MAX-Z remote console. This classic, updated model has a newly designed push button keypad with memory, auto-pause access for PBX and toll service operations, store, and last number re-dial. Auto-dialer lets you dial three frequently called numbers with the touch of a button.

It includes four mic/line inputs with front panel level controls and rear panel trim pots, clock with set controls, and timer. Buttons are provided for channels 1 and 4 which divert audio to the cue bus for "spotters" or other cueing needs. The complete MAX-Z system includes a custom carrying case, built-in rechargeable battery for 20 hours of operation, and 110/220VAC capability. Size: 13" x 17" x 5"; weight: 15 lbs.

MAX-Z	60ZEMAXZ	*MFR LIST*	**$1225.00**

Call Bradley for a current price quotation.

Special "Game of the Week" Packages

Covering sports live next season? Get a Zercom remote console with carrying case, plus two Beyer DT109 mic/headsets with straight cables and connectors, at a special price.

Valued at $1460.00	**Max-Z II Package 9509**	**$1099.00**
Valued at $1939.00	**Max-Z Package 9510**	**$1599.00**

Whirlwind Medusa Press Boxes

The press conference is in 15 minutes and you've got two dozen reporters coming up the elevator. How do you handle their audio needs?

These passive press boxes take a single incoming line-level signal and provide multiple mic level, 150 ohm output feeds from it. Designed to hold up under severe treatment, their cold-rolled steel boxes house state-of-the-art Whirlwind components for flawless performance year after year.

6 Channel	61WHPB06	**$180.00**
12 Channel	61WHPB12	**$312.00**
16 Channel	61WHPB16	**$442.00**
24 Channel	61WHPB24	**$655.00**

Mic Mixers and Specialty Mixers are on Pages 71-73.

Whirlwind Presspower Active Press Box

When plenty is riding on your audio, choose Presspower, with two inputs and 16 outputs, all of which are transformer isolated and appear on XLR connectors. Both inputs accept mic or line level and have low cut filters. A VU meter and a headphone jack with volume control allow easy monitoring.

Twelve outputs are mic level, on XLR and 1/8" connectors, two outputs are line level fixed at 0dB, and two are line level with level controls. The variable outputs also appear on 1/4" TRS connectors. A 1kHz tone can be sent to all outputs so everyone can set their levels properly. This press box can be powered by four 9V batteries or AC. It is supplied with a carrying case or it may be rack mounted.

Presspower	61WHPP	**$1695.00**

Cellabs Linejack][and Datajack

Got a cellular phone? You can do remote broadcasts easily. The Linejack][Cellular Broadcast Interface lets you use your choice of mixers, microphones, and tape machines. The interface has a convenient, transformer isolated XLR input, switchable between line (0dBm) and mic (-50dBm), as well as a transformer isolated XLR output. A special jack lets you plug in a tuner to monitor your broadcast, sending the output to the Linejack's headphone jack. The Linejack][also gives you trim pots for input and output, and a switch to select between the cellular handset or the unit (cellular keypad is always active for dial-up).

A cellular phone adapter cable, available for most cellular phones, is required at extra cost.

Linejack][	60CZLJ	*MFR LIST*	**$245.00**

The Cellabs Datajack gives you the power to send a fax or plug your laptop computer's modem into your cellular phone. A standard RJ-11C telephone jack means compatibility with all standard fax machines and modems. A cellular phone adapter cable, available for most cellular phones, is required at extra cost.

Datajack	60CZDJ	*MFR LIST*	**$144.00**

Call Bradley for a current price quotation.

Comrex Single & Multi Line Frequency Extenders

Comrex is known widely for frequency extension products, and deservedly so. These encode/decode systems upgrade traditional affordable telephone lines to broadcast quality.

One-line systems encode audio by shifting frequencies up by 250Hz. At the decode end, frequencies are downshifted to restore 2-1/2 octaves of program energy to the low end. For single-line encoding, choose an LXT/R encoder/decoder at the studio end, and in the field either another LXT/R or the PLXmicro portable encoder. The LXT/R includes a built-in coupler for direct connection to the phone line. The PLXmicro is battery operated, and connects to standard dial lines or to any cellular phone with a fax adapter port.

The two-line systems provide a full 5kHz of program audio by shifting 2500 to 5000Hz audio to the passband of the second phone line. The compact 2XP encoder includes couplers for both program lines and a communications line. Use the 2XR decoder with either manual or auto-answer couplers.

Comrex's three-line system sends 8kHz audio on three phone lines. The 3XP.1 has auto dialing and one-button setup. The 3XR.1 provides auto-answering and auto-leveling for either the 3XP.1 or the 2XP.

PLXmicro portable one line encoder	60CCPLX	*MFR LIST*	**$1450.00**
LXT/R one line encoder/decoder	60CCLXTR	*MFR LIST*	**$750.00**
2XP two line encoder	60CC2XP	*MFR LIST*	**$3500.00**
2XR two line decoder	60CC2XR	*MFR LIST*	**$3000.00**
3XP.1 three line encoder	60CC3XP	*MFR LIST*	**$4500.00**
3XR.1 three line decoder	60CC3XR	*MFR LIST*	**$4500.00**

Accessories:

Rack mount for LXT/R	60CCRA	*MFR LIST*	**$30.00**
AC adapter for PLXmicro	60CCPLXAC	*MFR LIST*	**$85.00**
Case for 2XP/3XP	60CCXPC	*MFR LIST*	**$175.00**

Call Bradley for a current price quotation.

Comrex Digital Audio Codecs

Comrex is right in the middle of the digital revolution in audio over phone lines. Compare to the cost of running traditional equalized phone lines!

DXP.1 and **DXR.1 G.722** codecs are updated models that can deliver excellent quality 7.5kHz or 15kHz mono feeds on ISDN or SW56. On a 56 or 64kbps circuit, these codecs produce 7.5kHz bi-directional audio and they automatically upgrade to 15kHz on a 112 or 128kbps connection. The 4:1 compression scheme provides low delay, a factor in live broadcast work because mix-minus audio can be sent back to talent on the same digital circuit.

The DXP.1 is a portable unit with built-in AC supply, headphone output, and selectable mic/line input. The DXR.1 is a rack mount unit with balanced line level I/O. On BRI ISDN lines, each requires a terminal adapter with inverse multiplexing (sometimes called "bonding") to combine the two "B" channels.

The **DX100** uses fixed 4:1 compression to provide varying bandwidth, depending on the data rate used. For example, it allows full bandwidth (15kHz) mono audio on a data channel of 128kbps, or wideband stereo at a data rate of 256kbps. This model uses apt-X compression, a popular, low-noise, low-delay audio coding scheme. It's a stable algorithm with high immunity to transcoding artifacts, making the DX100 suitable for STL, studio-to-studio, and similar applications.

The DX-100 has a built-in Inverse Multiplexer (IMUX) which adds the data rate of two independent 56 or 64kbps data channels. The IMUX may be configured for IN (for ISDN or Switched 56 operation) or OUT (for satellite, wireless modem, or fractional T1 applications). The DX-100 comes in a single-space, rackable chassis with balanced I/O on XLR connectors; data ports are V.35.

The **DX200** MusicLine codec uses ISO/MPEG Layer II audio coding to send full bandwidth stereo audio over digital paths as low as 112kbps. A broadcaster, recording studio, or music service can send stereo audio using one ISDN or two Switched 56 lines, or send mono 11kHz audio on a single SW56 or 64kbps link.

The DX200 is a second generation Layer II device, incorporating the recent updates to the Layer II algorithm, including a choice of sampling rates at 24, 32, and 48kHz. The DX200 encoder may be user-configured for a variety of output data rates (from 56 to 384kbps) and it allows full stereo, joint stereo, dual mono, and mono operation. It also has a G.722 mode.

An inverse multiplexer (IMUX) combines two, independent 56/64kbps or two 112/128kbps channels, allowing the codecs to support higher data rate transmission on SW56 and ISDN lines.

The DX200 encoder/decoder is in a rack mount chassis with power supply built in. Audio I/O's are on balanced XLR connectors. Data connections are DB-25 (EIA-530) and support both V.35 and X.21 interfaces. All user options are selectable on the rear panel.

DXP.1	60CCDXP	*MFR LIST*	**$1500.00**
DXR.1	60CCDXR	*MFR LIST*	**$1500.00**
DX100	60CCDX100	*MFR LIST*	**$3000.00**
DX200	60CCDX200	*MFR LIST*	**$3000.00**

Call Bradley for a current price quotation.

Gentner EFT Series Frequency Extenders

With all the talk about new technologies to feed audio over dedicated digital phone lines, some people in the industry forget that many users still need a simple, affordable way to send decent audio over a plain old dial-up line.

Consider the Gentner EFT frequency extenders.

Using a 250Hz frequency shifting scheme, the systems typically provide low frequency response down to 50Hz. The audio is natural and warm. Hum and noise all but vanish when the signal is decoded. Aphex enhancement simulates much of the high frequency information lost in the circuit.

Units can be set up for single or bidirectional frequency extension. Each unit provides encoding and decoding functions; a pair of units is required for operation.

The EFT-100 requires the use of a telephone hybrid to couple to the phone line. The EFT-900A includes the hybrid and adds a front panel headphone jack for monitoring. The EFT-1000A adds auto-answer and auto-disconnect features. A DTMF tone may be used to have EFT-1000A units "handshake" to ensure correct encoding/decoding. EFT models are compatible, so you can use an EFT-100 at the studio, where you already have a hybrid, and take one of the other models into the field.

EFT100	60GEEFT100	*MFR LIST*	**$689.00**
EFT900A	60GEEFT900	*MFR LIST*	**$979.00**
EFT1000A	60GEEFT1000	*MFR LIST*	**$1469.00**

Call Bradley for a current price quotation.

RPU Gear is in our RF section, beginning on page 104.

INC Switched 56 CSU/DSU

Codecs designed for use with Switched 56 digital phone services may require an external CSU/DSU. Bradley offers products from INC.

Integrated Network Corporation is the leader in Switched 56 interconnect products for the data communication and audio industries. INC can assist the Switched 56 user with interface products which are interoperable across the switched digital network. Each CSU/DSU offers diagnostic and control capability, keypads and LCD display for easy control of call and network status, and end-to-end test capability of any two units, regardless of intermixed two and four wire switched service.

Bradley and INC offer assistance with the inception and maintenance of your Switched 56 application.

CM1056S CSU/DSU: Single network port for either switched or dedicated service, four wire interconnect.

60NCCM1056S *MFR LIST* **$1095.00**

CM1056DP CSU/DSU: For two-wire Switched 56 Digital Service.

60NCCM1056DP *MFR LIST* **$1395.00**

Call Bradley for a current price quotation.

Gentner Microtel

The Microtel battery operated interface from Gentner replaces a conventional phone handset via standard modular connectors and turns your telephone into a complete remote mixer. Inputs are provided for a mic (XLR) and an aux (1/8" TS mini). An additional input lets you feed the headphone bus with IFB or air monitor. Outputs are provided for headset (1/4" TRS) and high-level (1/8" TS mini), as well as an auxiliary feed jack for tape machines or dedicated loops.

Microtel 60GEMICRO *MFR LIST* **$259.00**

Accessory:
AC adapter
60GEXFMR *MFR LIST* **$29.00**

Call Bradley for a current price quotation.

AEQ ACD-3.000 Codec

NEW

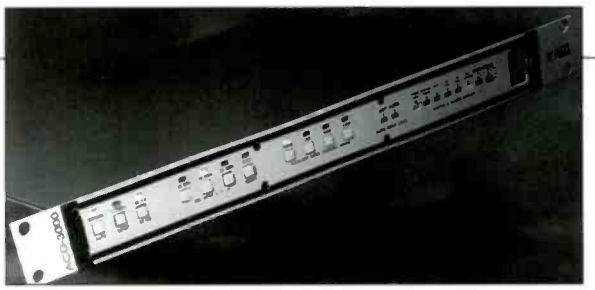
The codec that served the World Cup is now available to you. AEQ offers the ACD-3.000, a full-duplex coder/decoder providing up to 10.5kHz of mono bandwidth or 6kHz stereo, in both received and transmitted signals.

This unit uses ISO/MPEG Layer-II and G.722 algorithms for feeding Switched 56 or 64 phone lines. Sampling rates are 48, 32, 24, and 16kHz. An auxiliary data channel, at speeds of 300 and 1200 baud, is available when Layer-II is selected in any of the mono modes. The data port is RS-232.

The LOOP switch provides testing capabilities by means of a digital loopback, including coder, decoder, and aux data paths.

The ACD-3.000 provides analog XLR inputs and outputs, and digital interfaces V.35 and X.21/RS-422. Call us for a full spec sheet.

Call Bradley for a current price quotation.



ACD-3.000 60AQACD3000 *MFR LIST* **$2700.00**

TAC from Sound America

NEW

Transfer audio from a cassette deck or other source into a phone, and listen on the phone's handset while you're feeding. The TAC+ from Sound America is a telephone audio coupler that connects in series with the handset. Suitable for feeding news cuts, remotes, and sales spot demos.

It connects with virtually any phone (except those with the dial in the handset). Mute switch, high/low impedance selector, and a 60dB, six-step attenuator pad are provided. A real value.

TAC+	60SATACP	**$99.95**
TAC (no impedance selector or pad)	60SATAC	**$89.50**

Carrying Case 60SACASE **$9.95**

Telos Zephyr Digital Transceiver

Bradley Best Seller

Unlock the power of your remotes with Zephyr from Telos. No longer will you be constrained by high cost and complicated equipment. Utilizing affordable ISDN telephone lines and digital audio compression technology, Telos makes setting up a remote as easy as sending a fax.

It can send broadcast quality audio virtually anywhere in the world for about the same price as an ordinary voice call. It is ideal not only for remotes but also for ad hoc networks, backup to microwave and satellite links, and many other applications.

Each ISDN line has two 64kbps channels on a single copper pair. Zephyr, on just one ISDN line, provides bidirectional, 15kHz stereo plus ancillary data transmission. To compress the program audio signal for transmission, Zephyr uses ISO/MPEG Layer-III coding. Several International listening tests have demonstrated Layer-III's performance at data rates of 64kbps or less per channel. Only Layer-III allows 15kHz mono on a single ISDN channel or one SW56 line.

- Each unit serves as both a transmitter or receiver.
- Full metering, analog audio limiting, and straightforward controls make operation easy.
- 15kHz stereo, duplex audio can be sent on a single dial-up ISDN line or two Switched 56 lines using Layer-III coding.
- 7kHz transmission using G.722 is included for transmission to and from installed codecs.
- 9600 baud RS-232 bidirectional data allows communications and control.
- Four end-to-end parallel "contact" closures are provided for summary alarm and control of recorders and other devices.
- The ISDN terminal adapter is built-in; no separate boxes are needed.
- V.35/X.21 port allows Zephyr to be connected to one or two Switched 56 lines. (External CSU/DSU required for Switched 56.) This port also provides compatibility with spread spectrum wireless modems, satellite links, and other data paths.

Zephyr has three transmission modes of two channels each:

* Stereo mode, with either bi-directional, full duplex stereo at 15kHz for maximum fidelity, or 15kHz stereo transmission and stereo 7kHz return for reduced end-to-end delay;
* Dual-Mono mode, with bi-directional, full duplex dual-mono at 15kHz, or dual-mono 15kHz stereo transmission and dual-mono 7kHz return, or dual-mono 7kHz transmission and return for compatibility;
* Split-channel mode, allowing you to send individual mono signals to separate sites. Choose between 15kHz Layer-III or 7kHz G.722 on transmit and return paths.

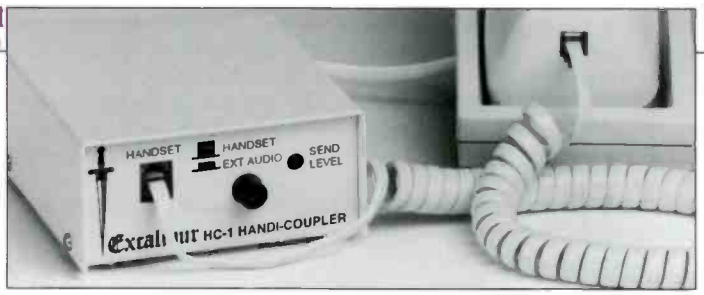
Zephyr (stereo transmit/stereo receive)
60TSZ9200 *MFR LIST* **$4980.00**

Zephyr (mono transmit/stereo receive)
60TSZ9100 *MFR LIST* **$3980.00**

Call Bradley for a current price quotation.

Excalibur HC-1 Handi-Coupler

Bradley Best Seller



For connecting audio to a telephone, you can't get much more "handi" than the HC-1 Handi-Coupler from Excalibur. It connects in series with the handset of any telephone using modular connectors. Pressing the front panel button disconnects the handset and connects the external audio in/out jacks to the telephone.

For more details, see page 100.

HC-1 60EXHC1 **$99.00**

Sound America R/SVP

R/SVP (Record or Send Verywell Phone) is a standard 2500 Series Touchtone phone with a built in audio coupler. The panel provided on the phone base has both send and receive mini-jacks. A dual mic sensitivity switch also allows the mic to be muted while feeding a tape, and voice through the phone receiver can be mixed with the tape source.

R/SVP 60SARSVP **$139.00**

Porta Brace Run Bags

Tech Case

This carrying case is a versatile, over the shoulder bag for engineers, technicians, reporters, and video professionals, available in two sizes. Both sizes are 4" wide and 11" high. Use it to carry a lot of personal gear plus tools and meters. An optional small tool kit case with multiple pockets and compartments measures 2-1/2" x 6-1/2" x 9" and can be carried separately or inside the Tech Case.

Audio Organizer

You can jump from job to job with the Audio Organizer, a convenient way to carry and connect equipment without constant packing and unpacking. Carry a mixer, wireless mic, headphone, shotgun mic, fishpole, hand-held mic, and cables. Organize your gear and leave it in place; you can access the connectors through the top or side openings. Adjustable dividers let you organize things your way.

The Audio Organizer measures 6"W x 8"H x 14"L and includes shoulder strap and video belt.

Run Bags

The redesigned Run Bag is sturdy and can be loaded in a variety of ways without simply dumping one thing on top of another. Yet it still has the quick convenience and versatility of a lightweight bag.

The main compartment has an adjustable divider for customizing. Inside walls have large slip pockets. Outside, you get two large zippered compartments for cables, plus two large slip pockets. Rugged stand-up handles with leather grips and a lightweight shoulder strap are provided.

We offer three sizes. All have main compartments of approximately 7" wide by 9-1/2" high.

Tech Case TC-1 15" long inside	60PBTC1	*MFR LIST*	**$163.00**
Tech Case TC-2 17-1/2" long inside	60PBTC2	*MFR LIST*	**$173.00**
Tool Kit Case TC-T	60PBTCT	*MFR LIST*	**$80.00**
Porta Brace Audio Organizer	60PBAO1	*MFR LIST*	**$212.00**
Run Bag, 18" length	60PBRB1	*MFR LIST*	**$132.00**
Run Bag, 21" length	60PBRB2	*MFR LIST*	**$139.00**
Run Bag, 25" length	60PBRB3	*MFR LIST*	**$142.00**

Call Bradley for a quote and a Porta Brace catalog.

SKB Rack Mount Cases

Taking your operation on the road can be the best and worst of times, but for equipment it's always the worst of times unless it's mounted securely and safely.

Made of polyethylene with welded frames, these racks are extremely durable and have less than half the weight of comparable wooden racks. The removable, latching front and rear covers are sealed to keep out moisture and dirt. The cases are structurally rigid, so your equipment takes less abuse in travel. These racks meet Airline Transport Association (ATA) specs and are manufactured in the USA by SKB. Front mounting rails are provided.

Inside depth is 15" without covers, 17" with. Cases have two carrying handles and can be stacked.

How about a briefcase version? For stashing those odds, the SKB-1713 is the answer. Top lid is hinged at the back. 17" x 13" x 12".

Utility case (not pictured)

77SK1713 **$ 69.00**

2 space	77SK192	**$75.00**	**8 space**	77SK198	**$120.00**
4 space	77SK194	**$85.00**	**10 space**	77SK1910	**$135.00**
6 space	77SK196	**$95.00**	**12 space**	77SK1912	**$150.00**

Kaces III Equipment Cases

Marantz and Mackie users!

For carrying electronics, Kaces III and Bradley present gig bags with sturdy web handles, tear-resistant nylon, thick padding, heavy-duty zippers, and lots of room for microphones, cables, and notepads.

Our Marantz cassette deck users absolutely love the KEB20, with its 10" x 4" x 2-1/2" pocket; for the Mackie 1202, order the KEB22, with a pocket of 12" x 6" x 3". Bags for lots of other products are available; give Bradley a call for more info.

Kaces KEB22 Gig Bag	40KEKEB22	**$22.50**
Kaces KEB20 Gig Bag	40KEKEB20	**$22.50**

Anvil Equipment and Rack Mount Cases

Their name is so well known, you sometimes forget it's a company: Anvil.

Anvil provides rugged, dependable protection for your recorders, mixers, cameras, A/V gear, and anything else you transport. When shipping equipment or checking it as baggage, Anvil ATA cases are a great choice.

Anvil has templates for thousands of pieces of equipment and custom case requirements can be quoted from your faxed drawing.

Several styles of ATA cases are available for your rack mounting equipment. In addition to the styles listed below, cases can be built to any depth and can include rear rack rails, several styles of casters, locking hasps, stacking corners, and other options.

Standard cases are 14" or 18" rackable depth, and lids leave 2" of additional room. Available in 1/4", 3/8", and 1/2" construction. The 14" deep racks are available in sizes up to 17 spaces, 18" deep up to 27 spaces.

Shock mounted cases have a 1/4" thick shell surrounded by 2" of foam and can be made up to 27 spaces tall. The outer shell can be 1/4", 3/8", or 1/2" construction. 18" rackable depth; 25" with lids.

AIR racks use shock isolators to control impact and vibration. They are 30% lighter than foam isolated racks and offer maximum protection for your most delicate equipment. Front and rear rack rails are provided. Available with 1/2" or 3/8" outer shell and 18" or 24" rackable depth.

Anvil cases are provided in blue unless one of the dozens of available colors is specified.

Accessories:

Heavy duty casters	77ANHDC	**$99.00**
H. D. casters w/2-locking	77ANHDC2	**$129.00**
Rear rack rails (per rack space)	77ANRR	**$2.25**
Hasp/Twist-Latch to replace standard Twist-Latch. Allows use of padlock. Four recommended per case.	77ANTLHL	**$32.00**

Size	Shallow case 14" deep, 1/4" shell	Standard case 18" deep, 1/4" shell	Shock Mounted case 18" deep, 1/4" shell	AIR case 18" depth, 3/8" shell
2 Space (3½")	77AN021414 **$218.00**	*Not available*	77ANSM021814 **$392.00**	*Not available*
4 Space (7")	77AN041414 **$236.00**	77AN041814 **$306.00**	77ANSM041814 **$412.00**	*Not available*
6 Space (10½")	77AN061414 **$247.00**	77AN061814 **$319.00**	77ANSM061814 **$430.00**	*Not available*
8 Space (14")	77AN081414 **$258.00**	77AN081814 **$333.00**	77ANSM081814 **$449.00**	77ANAIR81838 **$685.00**
10 Space (17½")	77AN101414 **$269.00**	77AN101814 **$346.00**	77ANSM101814 **$468.00**	77ANAIR101838 **$696.00**
12 Space (21")	77AN121414 **$280.00**	77AN121814 **$359.00**	77ANSM121814 **$487.00**	77ANAIR121838 **$709.00**
14 Space (24½")	77AN141414 **$303.00**	77AN141814 **$387.00**	77ANSM141814 **$510.00**	*Not available*
16 Space (28")	77AN161414 **$314.00**	77AN161814 **$402.00**	77ANSM161814 **$529.00**	*Not available*

Headsets

Bradley Best Seller

Beyerdynamic DT Series

Used around the globe, Beyerdynamic mic/headphone combos are suited to remote and studio use. The headphone has extended response and is virtually impossible to overload.

The rugged DT-108 and 109 headphones provide 30-20kHz response and are 400 ohms impedance; the wide response hypercardioid mic is 200 ohms; other impedances are available. SPL is better than 94dB. The DT-109 is a dual-earmuff model; the DT-108 has one earpiece. A straight cable is included. These models can be ordered with optional coiled cable; balanced mic versions are available.

For even better headphone performance (5-30kHz) and greater SPL capability (better than 97dB), choose the dual-earmuff DT-190. The mic impedance is 200 ohms, the headphones are 250 ohms.

Windscreens for all models are also available.

DT-109	60BE422045	**$239.00**
DT-108	60BE421790	**$179.00**
DT-190	60BEDT190	**$259.00**
Coiled Cable for 108/109	60BE198900	**$32.00**

Telex

Lightweight Telex announcer's headsets give superb audio and a comfortable fit. A studio-quality electret condenser boom mic includes a windscreen, and disconnects quickly for repair. Features include high fidelity earphone receivers with removable foam cushions, mic boom swivels for positioning on either side of head, and in-line push-to-cough button.

PH-24 (noise cancelling mic)	60TXPH24	**$179.00**
PH-25 (w/omni mic)	60TXPH25	**$209.00**

Sennheiser HMD 224

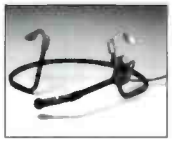
One of the most natural sounding headset mics available. The HMD 224 provides headphone frequency response of 16Hz to 20kHz and a shock-mounted super-cardioid microphone.

Circumaural, air filled, double layered cushions provide isolation and comfort. The microphone's pattern is tailored so that it provides the best response when offset to the side of the mouth. The HMD 224 weighs under one pound.

60SNHMD224 **$255.00**

Please Note: Many headset cables require user-installed connectors.

AKG C410/9



AKG puts the popular C410 vocal mic on a set of supra-aural "mini-monitors" that mount on a behind-the-neck band. The earpieces swivel into place from the back, making this a useful headset for on-camera work, drummers, keyboardists, and other hands-free applications. Weight: two ounces.

The hypercardioid condenser mic takes 12-28V phantom power and provides 20-20kHz response, 200 ohms, with preamp/XLR connector. The headphones check in at 30-18kHz, 200 ohms, with 1/4" stereo plug. A ten foot cable and windscreen are provided.

C410/9 60AKC410Q **$194.00**

Shure SM2

The patented metal boom is designed for flexibility in mic placement and adjustments for right or left side use. This consistent mouth-to-mic positioning, coupled with the cardioid mic's specially tailored pattern and frequency response, ensures accurate voice reproduction and maximum voice isolation. The metal frame will withstand many seasons of heavy use, and the unit weighs less than 11 ounces. The cable is detachable for quick and easy changes between mono, stereo, or split feed headphone functions. Supplied with cable and windscreen.

SM2 60SHSM2 **$169.00**

More headsets on page 37.

Rowi Clamps

Our most useful and popular mic accessory. Attach your microphone virtually to anything! The clamp jaw opens to 1-1/2", and the mic adapter swivels.

Rowi Clamp 60BBRC **$36.95**

Stewart BPS-1 Battery Phantom Supply

This single channel, 48 volt phantom power supply is rated for up to 200 hours using a pair of 9V alkaline batteries. It can deliver up to 4.5 mA at 48VDC, and has locking XLR connectors. The all-aluminum chassis includes a detachable belt clip.

BPS-1 60SEBPS1 **$95.00**

Sennheiser Modular Mic System

If your job demands a variety of microphones, ponder the K6. A single module plus a few interchangeable capsules provide you the flexibility you need in your microphone "stable". Simply screw on the mic capsule you need. The K6 series provides improved response, noise, and distortion over its predecessor series.

All capsules use back-electret technology. The powering module runs for 150 hours on a single "AA" cell or uses 12-45V phantom, and includes bass rolloff switch (-11dB). Its output is balanced, low-impedance (200 ohms) and terminates in a 3-pin XLR. Black finish.

Note: Older K3 series mics are not compatible with the new K6 models.

Powering Modules:

K6 (phantom and "AA")	60SNK6	**$219.00**
K6P (phantom power only, no on/off switch)	60SNK6P	**$219.00**

Mic Capsules:

ME62 Omni without proximity effect, good for interviews or atmospheric recordings. 20-20kHz.
60SNME62 **$139.00**

ME64 Cardioid, tight pattern, high gain before feedback, good for speech. 50-20kHz.
60SNME64 **$159.00**

ME66 Short Shotgun combines supercardioid at low frequencies plus shotgun above 2000Hz. Light weight prevents fatigue in handheld use. 50-20kHz.
60SNME66 **$229.00**

ME67 Spot Shotgun combines supercardioid at low frequencies plus shotgun above 2000Hz. Excellent for ENG/EFP or podium use. 50-20kHz.
60SNME67 **$299.00**

MKE2-60 Omni Lavalier, less than 1/4" diameter, popular for broadcast or clip-on instrument use. 20-20kHz.
60SNMKE260 **$239.00**

MKE40-60 Cardioid Lavalier, for isolation from ambient noise or increased gain before feedback. Swivel mount for easy positioning. 40-20kHz.
60SNMKE4060 **$289.00**

Call for pricing on various mounting hardware and windscreens.

(1) AKG D190E Microphone

The smooth, 30Hz to 16kHz response of the ol' reliable D190E cardioid has a slight midfrequency rise for natural sound. Recommended for vocal and announce use, it has a built-in windscreen and a shock mounted transducer.

D190E 60AKD190E *MFR LIST* **$189.00**

(2) Electro-Voice RE27N/D Microphone

Hear how good a voice can sound. The RE27N/D cardioid has increased sensitivity, undistorted output at high sound pressure levels, and an extended high frequency response. A hum bucking coil reduces interference from room lighting and other sources, while the Variable-D design reduces proximity effect. The RE27N/D has two bass roll-off switches, a high frequency boost reduction switch, and an integral shock mount and blast filter. 45Hz to 20kHz.

RE27N/D 60ELRE27 *MFR LIST* **$679.00**

Accessory:

Shock mount 60EL309 *MFR LIST* **$111.00**

(3) Audio Technica ATM-25 Microphone

With a response that enhances male and female voices, the ATM-25 is a contender with a moderate price. A-T discovered that this instrument mic also sounds great as an announce mic. The hypercardioid pattern rejects unwanted sounds and it withstands high sound pressure levels. 30Hz to 15kHz.

ATM-25 60ATATM25 *MFR LIST* **$270.00**

(4) Audio Technica ATM-63HE

This model is a good choice for field production and ENG, particularly directional miking. It has a hypercardioid pattern and frequency response of 50Hz-18kHz. Utilizing a high sensitivity neodymium design, the mic provides extremely fast transient response. Improved shock mounting consists of a floating diaphragm and a double-isolated element housing. 50Hz to 18kHz.

ATM-63HE 60ATM63 *MFR LIST* **$200.00**

(5) Electro-Voice RE20 Microphone

Many people owe their careers to this mic. The cardioid RE20's performance rivals that of the finest condenser mics, with undistorted output at high SPL and a carefully tailored response curve, yet the price remains within reach of price conscious users. 45Hz to 18kHz.

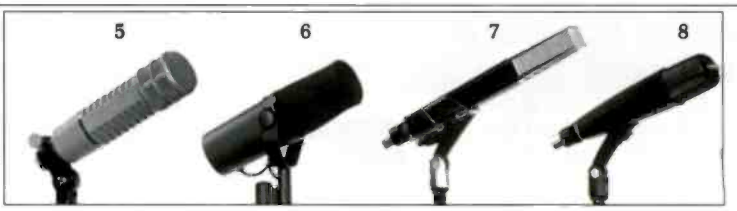
Bradley Best Seller

RE20 60ELRE20 *MFR LIST* **$597.00**

Accessories:

Shock mount 60EL309 *MFR LIST* **$111.00**

Windscreen 60NEWS87 *MFR LIST* **$30.00**



(6) Shure SM 7

We're pleased to offer one of the premier dynamics for voice-over recording. It features 40Hz to 16kHz response with four selectable response curves, symmetrical cardioid pattern, and integral air suspension shock mount. Wind, boom, and breath-pop noises are effectively eliminated by its integral foam windscreen.

SM 7 60SHSM7 *MFR LIST* **$566.50**

Windscreen 61SH90KR2600 *MFR LIST* **$15.50**

(7) Sennheiser MD441

Sennheiser's MD441 has a super-cardioid pattern to prevent leakage and feedback. Ten-position bass contour switch and smooth response from 30Hz to 20kHz make the MD441 one of the best dynamic mics we offer.

MD441 60SN441 *MFR LIST* **$695.00**

Windscreen 61SNMZW441 *MFR LIST* **$35.00**

(8) Sennheiser MD421

A staple in many broadcast studios, the Sennheiser MD421 is hailed for its durability and lively sound. A dynamic cardioid element with large diaphragm makes voices jump out. The MD421 has a multi-position bass roll-off switch and a smooth response from 30Hz to 17kHz.

MD421 60SN421 *MFR LIST* **$469.00**

Accessories:

Windscreen 61SNMZW421 *MFR LIST* **$30.00**

Shock mount 60SNMZS100 *MFR LIST* **$98.00**

(9) Shure SM57

Familiar to many from concerts and the presidential podium, the SM57 is a cardioid mic suitable for hand held or lectern use. Presence boost and low end roll-off give excellent voice intelligibility. Finished in non-glare gray enamel for stage or on-camera use. Reliable and unobtrusive. 40Hz to 15kHz.

SM57-LC 60SH57 *MFR LIST* **$147.00**

Windscreen 61SHA2WS **$11.00**

(10) Shure SM58

A world standard professional stage microphone. Cardioid pattern with spherical windscreen and fixed bass roll-off to prevent popping or boominess in close-up use. 50Hz to 15kHz.

SM58-LC 60SH58 *MFR LIST* **$188.75**

Also Available:

SM58 version with on-off switch.
60SH58S *MFR LIST* **$198.50**

Windscreen available in a variety of colors.
61SHA61WSXX **$5.25**

Studio Condenser Mics

AKG C3000

It's a studio standard, at about half the price. The new C3000 from AKG emulates the sound of the top-end AKG mic, and combines large diaphragm and micro transducer technology. It includes a built-in spider shock absorber and the following switchable features: cardioid/hypercardioid pattern, bass rolloff, and -10dB pad for close miking. And it has a sleek, modern look to impress your studio visitors. Takes 9-52V phantom.

AKG C3000 60AKC3000 *MFR LIST* **$699.00**

Accessories:

H15/22 Elastic Suspension
60AKH1522 *MFR LIST* **$219.00**

N62E/Phantom Supply (powers 2)
60AKN62E *MFR LIST* **$110.00**

AKG C1000S

For those who seek AKG condenser quality at a lower price, here's the C1000S.

It includes a unique pattern converter that provides a cardioid or hypercardioid pattern. The C1000S has a rugged steel mesh grill; internal shock mounting of the capsule reduces handling noise. Powering is via an internal 9V battery or external phantom power. The C1000S comes with a foam windscreen and stand adapter.

C1000S 60AKC1000S *MFR LIST* **$429.00**

Also available:

AKG C414B/ULS Classic studio mic.
60AK414 *MFR LIST* **$1199.00**

Call Bradley for a current price quotation on these mics.

Neumann TLM-193 Condenser

Bradley Best Seller

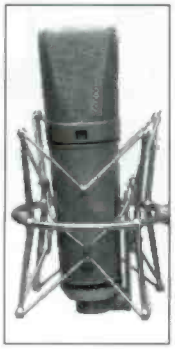
Owning a real Neumann is now a lot easier with the TLM 193. It's a cardioid large-diaphragm condenser mic with 130dB dynamic range, 20Hz to 20kHz response, very low self-noise, and the rich Neumann sound. But look at the price — less than half of their flagship condensers. Requires 48V phantom power.

TLM-193 60NETLM193
MFR LIST **$1375.00**

Also available:

Neumann's U89, a five pattern studio mic, has exceptional frequency response and overload characteristics suiting both instrumentals and vocal application. The **U87A** is an updated version of a recording industry standard. An excellent vocal mic.

Call us for pricing.



Neumann KM 100 System Mics

Over two dozen mounts and adapters let you place KM 100 series mics, individually or in stereo pairs, in the exact location you need them. The KM 100 system includes an output stage and four available mic capsules with a wide variety of accessories. Since the mic circuitry is in the capsules, they can be placed up to 1000' from the output module, a real asset in live recording. Audio is outstanding and particularly suited to digital work. Dynamic range exceeds 120dB and the mics handle over 138dB SPL.

The models below are complete with capsule and output stage. Your Bradley professional can help you select extra capsules and system components.

KM 130 Omnidirectional
60NEKM130 *MFR LIST* **$995.00**
KM 140 Cardioid
60NEKM140 *MFR LIST* **$995.00**
KM 145 Cardioid w/LF roll-off
60NEKM145 *MFR LIST* **$995.00**
KM 150 Hypercardioid
60NEKM150 *MFR LIST* **$1175.00**
Call Bradley for a current price quotation.

Microtech Gefell MT-71S

We're delighted that Microtech Gefell now provides a version of their fine condenser microphones that is designed with broadcast in mind. The transformerless MT-71S is equipped with a large diameter membrane capsule and provides a cardioid pattern that works well in radio/TV work, and for instrumental and vocal soloists.

The pattern has a smooth treble boost rise that peaks at about 4dB around 7kHz. Combined with a slight low-end roll-off, it creates a superb "presence". A 10dB pad and LF roll-off switch are standard. The MT-71S uses 48V phantom power. Response: 40Hz to 18kHz; S/N is 80dB (A-weighted). Max SPL without pad is 134dB. Specify black or satin nickel.

MT-71S 60MGMT71S *MFR LIST* **$850.00**

Call Bradley for a current price quotation.

Sony C-48

Look at the lines on this beautiful recording device, suitable for radio jocks, on-camera talent, or, in instrument work, recording strings. Sony provides three selectable patterns: uni-, omni-, and bi-directional, all with a 10dB attenuation switch. Power it with 48V phantom.

Response is 30Hz to 16kHz, range better than 106dB, signal to noise 72dB (A-weighted), maximum SPL 128dB. Includes carrying case and stand adapter.

C-48 60SOC48 *MFR LIST* **$1250.00**
Call Bradley for a current price quotation.

Shure SM81

Extremes of temperature, humidity, and physical punishment won't degrade the performance of the popular SM81 unidirectional condenser mic. Low distortion of 0.5% plus 135dB SPL before clipping ensure accurate sound reproduction. The 10dB attenuator stretches upper limit to 145dB SPL. The SM81 has a selectable low frequency curve to compensate for proximity effect or disturbances. The mic capsule interchanges with an optional omnidirectional capsule.

SM81 unidirectional. 60SH81 **$299.00**

Accessory:

R104A omnidirectional capsule.
60SHR104A **$149.00**

Audio Technica 4033

The AT4033 is a cardioid condenser microphone with a frequency response of 30Hz to 20kHz. Powered by an external 48V phantom source, the AT4033 can handle up to 140dB SPL (150dB SPL with the switchable 10dB pad) without distorting. With a dynamic range of 123dB, the mic is ideally suited for digital recording applications. The mic also has an 80Hz hi-pass filter to reduce sensitivity to popping. The mic is available with either stand clamp or shock mount.

AT 4033 60AT4033 *MFR LIST* **$725.00**
Call Bradley for a current price quotation.

Audio Technica 4050/CM5

NEW

Audio Technica's success with the AT4050/CM5 is impressive. It's a transformerless, multi-pattern studio mic for demanding applications, and the reviews are superb. Dual gold-plated, large-diaphragm, aged condenser elements provide response of 20-20kHz, a dynamic range of 132dB, and SPL handling of 149dB, and even more with the switchable 10dB pad.

Patterns are cardioid, omni, and figure eight. Low-end roll-off switch, internal windscreen, and external shock mount are included. This warm-sounding mic operates with any remote phantom or simplex source supplying 48VDC.

AT 4050/CM5
60AT4050CM5 *MFR LIST* **$995.00**
Call Bradley for a current price quotation.

Stoppit

Stoppit. No, really cut it out. Stop the pops with a Raxxess Stoppit filter for eliminating the mic popping caused by hard consonants. Order just the screen, which comes with a sturdy stand mount, or choose the POMT package (pictured) which includes a 6" Stoppit, gooseneck, and steel stand clamp.

POMT Package 61RXPOMT *MFR LIST* **$42.95**
6" Stoppit 61RXSTOP6 *MFR LIST* **$19.95**
8" Stoppit 61RXSTOP8 *MFR LIST* **$22.95**
Call Bradley for a current price quotation. And cut it out.

Lavaliers

Shure SM11

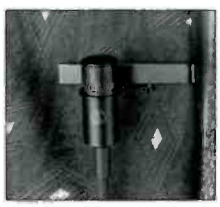
"The world's smallest dynamic lavalier" has optimized response, natural sound quality and Shure toughness. The three mounting options provided are lavalier cord, tie bar, and tie tack.

60SH11 **$85.00**

Shure SM84 and SM83

Noisy environments, talk shows, and multi-mic formats are where the SM-84 does its stuff. This supercardioid condenser lav was developed to solve problems of extraneous sound and gain-before-feedback. For less complex applications, the omni SM-83 remains an excellent choice. Both have a frequency response dip at 730Hz that minimizes the "chest resonance" effect. Includes tie clip, cable, and beltpack preamp that takes 9V battery or phantom power.

SM84 unidirectional 60SHSM84 **$199.00**
SM83 omnidirectional 60SHSM83 **$165.00**



Audio Technica AT831

Among the most popular lapel mics on the planet. It's a mini unidirectional condenser, best where feedback or room noise is a problem; also excellent for music instruments.

AT831R 9-52V phantom power only, with 25' cable.
60AT831R **$130.00**
AT831b takes phantom and "AA" cell,with 6' cable.
60AT831B **$138.00**

Sony Lavaliers

Sony lavs shut out unwanted noise and give you the convenience of battery operation. All are matte black. The economical ECM-44 is omnidirectional. The popular ECM-55B has an omnidirectional pattern and is recommended for the widest variety of applications. The ECM-66B has a directional pattern ideal for musical instruments. The ECM-77B, a mere 1.5 grams, is Sony's tiniest lavalier, a high performance, omni mic. All versions take "AA" cells; all except the 44B also accept 48V phantom. Also available are unterminated versions for wireless systems.

ECM-44B	60SO44B	**$159.00**
ECM-55B	60SO55B	**$265.00**
ECM-66B	60SO66B	**$299.00**
ECM-77B	60SO77B	**$299.00**

AKG C407

The C407 Micro Mic is less than one-third of an inch in diameter, making it one of our smallest lapel mics. It's an omnidirectional condenser with a response curve optimized for speech. The standard C407 terminates on an XLR connector for phantom power that you supply. The C407/B requires the B9 battery power supply. The unique B9 powers two Micro Mics; the balance between the two inputs and overall volume are continuously adjustable.

C407 phantom 60AKC407 *MFR LIST* **$169.00**
C407/B battery 60AKC407B *MFR LIST* **$119.00**

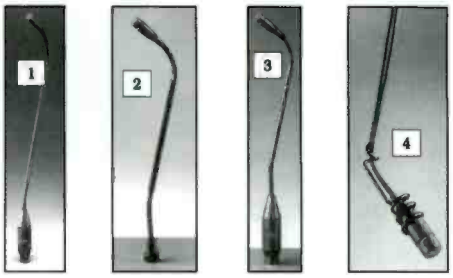
Accessory:
B9 Battery supply for one or two C407/B's
60AKB9 *MFR LIST* **$69.00**

Call Bradley for a current price quotation.

Audio Technica MT830R

This sub-miniature omni lavalier can also be hidden in clothing or hair. Runs on 9-52V phantom. Power module, clothing clip, and three self-adhesive windscreens come with the package. The MT830C is an unterminated version without power module, for use with wireless mics.

MT830R	60ATMT830R	*MFR LIST*	**$200.00**
MT830C	60ATMT830C	*MFR LIST*	**$87.00**



Audio-Technica UniPoint Series

For special applications, these miniature cardioid mics offer symmetrical cardioid pickup and exceptional rejection for feedback control. Unless noted, all models work with an "AA" cell and can also be powered by 9-52V phantom.

1. AT859QML

Plugs into any XLR jack for instant installation and removal. Phantom power only.

AT859QML 60AT859 **$125.00**

2 & 3. AT857

The 857AMa mounts on a mic stand or its own threaded surface mount adapter. On/off/roll-off switch provided. Accepts battery and phantom. The 857QMa plugs directly into a female XLR connector and operates only on phantom power. Roll-off switch.

AT857AMa 60AT857AM **$229.00**
AT857QMa 60AT857 **$183.00**

4. AT853a

Hangs from its own cable using a plastic coated, stainless steel hanger, or mounts on a stand adapter. On/off/roll-off switch. Accepts battery or phantom.

AT853a 60AT853 **$185.00**

5. AT859b (not shown)

A wand mic for interviews, game shows, or table mounting. XLR plug in connector. Accepts battery or phantom.

AT859b 60AT859B **$179.00**

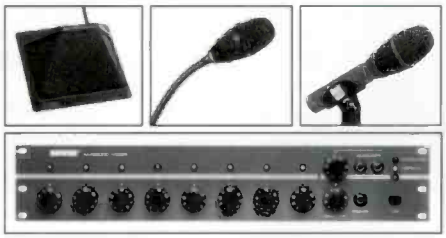
Sennheiser MKE-2

Bradley Best Seller

For an open, natural sound and unobtrusive appearance, the MKE2 gets top marks. It measures less than 1/4" wide and 9/16" long and uses the new K6 or K6P powering modules (described in more detail on page 31), for phantom or "AA" cell operation.

MKE2-60 Omni Lavalier	60SNMKE260	**$239.00**
K6 Powering Module (phantom and "AA")	60SNK6	**$219.00**
K6P Powering Module (phantom power only, no on/off switch)	60SNK6P	**$219.00**

Shure Automatic Microphone System



Churches, courtrooms, broadcasting, teleconferencing, and group meeting places use AMS. The Shure Automatic Microphone System provides a comprehensive approach to the aggravating problems of multiple mic installations.

Advanced microphone, mixer, and logic design allow sound sources to turn on and off quickly, quietly, and automatically. With more than one mic active, the system provides gain compensation to prevent feedback.

Each mic and mixer channel contains circuitry allowing the mics to activate independently. AMS mics will turn on only when addressed within a 120-degree window. Background or crowd noise, regardless of volume, will not open a microphone. The mixer has individual channel controls for cough/privacy, channel priority, zone loudspeaker muting, and moderator muting.

Four styles of special AMS mics are available: low profile, gooseneck, probe, and lavalier.

Call Bradley for details on all AMS systems and products.

AMS 8000 eight channel mixer
60SHAMS8000 *MFR LIST* **$2950.00**

AMS 22 low profile mic
60SHAMS22 *MFR LIST* **$235.00**

AMS 24 gooseneck mic
60SHAMS24 *MFR LIST* **$265.00**

AMS 26 probe mic
60SHAMS26 *MFR LIST* **$235.00**

AMS 28 lavalier mic
60SHAMS28 *MFR LIST* **$260.00**

Call Bradley for a current price quotation.

Crown PZM Microphones

Crown PZM mics are ideal for picking up sounds with clarity and at greater distances than conventional mics. They use the pressure zone at an acoustic boundary to eliminate distortion and comb filtering problems. The PZM-180 has a balanced low-impedance output. This economical model is suited to broadcast production, conferences, and recording. It's powered by an internal "N" cell or external phantom power. The male XLR connector is in the handle. The Sound Grabber is a very affordable, portable PZM powered by an "AA" cell. It has an unbalanced high-impedance output, 10' cable to 1/8" TS plug, and adapters for 1/4" TS phone and 3/32" TS applications. Both models are black.

PZM-180 60CR180 *MFR LIST* **$199.00**
Sound Grabber
60CRSG *MFR LIST* **$99.00**

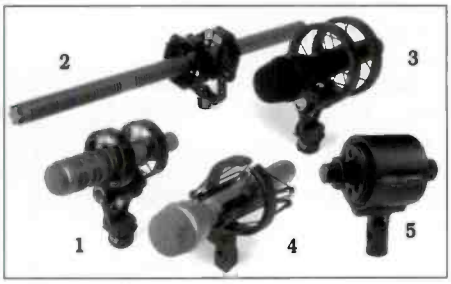
PCC-160

The PCC-160 is a renowned stage floor mic, also useful for lecterns and conference tables. It has a phase-coherent supercardioid pattern to minimize background noise. Its large surface increases sensitivity and prevents phase cancellation. Balanced low impedance output. Choose black or white.

PCC-160 Black
60CRPCC160 *MFR LIST* **$309.00**
PCC-160 White
60CRPCC160W *MFR LIST* **$309.00**

Call Bradley for a current price quotation.

Shock Mounts



(1 & 3) Tensimount spider shock mounts come in three sizes to fit most microphones. Requires use of stand adapter.

TM1 for mics up to 1-3/8" diameter
60AKTM1 **$21.00**
TM2 for mics up to 2" diameter
60AKTM2 **$24.00**
TM3 for mics up to 2-3/4" diameter
60AKTM3 **$28.00**
Accessory:
Mic stand adapter for Tensimount
61AKSA40 **$12.00**

(2) Audio Technica 8415 shock mount is designed primarily for the rigors of field production. Elastic suspension accommodates a variety of mics. Versatile and economical.
60AT8415 **$49.00**

(4) Audio Technica AT8410 is a universal shock mount with clothes-pin clamp to fit most sizes of mics without extra sleeves or adapters. Special neoprene suspension cords isolate the mic from shock from every direction.
61AT8410A **$49.00**

(5) Sennheiser MZS100 is our finest studio shock mount. It attaches to any microphone with the mic's own stand adapter. The thumbscrew adjusts the tension of the shock absorbing mechanism so that it can be optimized for the weight of the mic. Looks different, performs wonderfully.
60SNMZS100 **$89.00**

Audio-Technica AT808G

The subcardioid pickup pattern of this quality talkback microphone reduces pickup of unwanted noise. The gooseneck allows easy positioning. Response is 200Hz to 5kHz. A low-Z XLR male connector on the base of the gooseneck plugs directly into your console.

AT808G 60AT808G *MFR LIST* **$145.00**

Call Bradley for a current price quotation.

Shure SM Series

This series of head-worn mics is designed for use in sports, news gathering, and intercommunication systems. They offer an excellent solution to the problem of hands-free, close talking vocal pickup.

SM10A with mic only 60SH10 **$105.00**
SM12A with mic and one earphone
60SH12 **$149.00**

Other headsets, page 31.

Sony ECM-531

Sony offers this flexible, telescoping gooseneck microphone for podium use. It runs on 12-48V phantom power. Matte black, XLR connector.

ECM-531
60SOECM531 *MFR LIST* **$340.00**

Call Bradley for a current price quotation.

Microphone Stands and Booms

1. AKG KM-251 heavy duty, collapsible floor stand adjustable: 23" to 53".

Chrome	60AKKM251	**$75.00**
Black	60AKKM251B	**$75.00**

2. Atlas MS-12C basic stand with heavy duty base.

Chrome	61ATMS12C	**$20.00**
Ebony	61ATMS12CE	**$20.00**

3. Atlas MS-20 heavy duty mic stand with shock mounting.

Chrome	61ATMS20	**$49.00**
Ebony	61ATMS20E	**$49.00**

4. Shure S15 ultra-lightweight, collapsible mic stand which can be adjusted to heights of 3-1/2" to 14 feet. It is sturdy and stable enough to hold large, heavy microphones, and yet it weighs only five pounds. This stand is the ultimate for location work. Comes complete with vinyl carrying bag and cable strain relief.

60SHS15 **$149.00**

5. ST-201A/2 professional two-section collapsible mic stand. Light-weight, yet stable.

Bradley Best Seller

Chrome	61KM201	**$33.00**
Black	61KM201B	**$33.00**

6. Atlas MS-25 heavy duty mic stand with shock mounting and triangle base so talent can step up close.

61ATMS25 **$77.00**

7. Atlas MS-4 three section version of the MS-20.

61ATMS4 **$40.00**

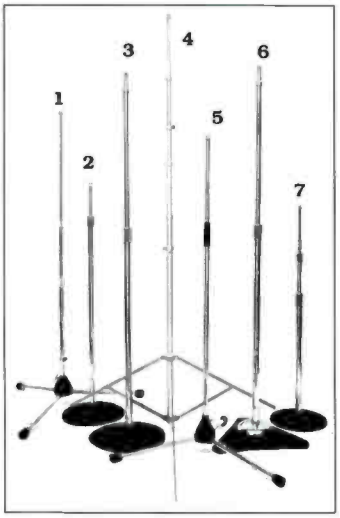
8-10. Atlas Performer Series

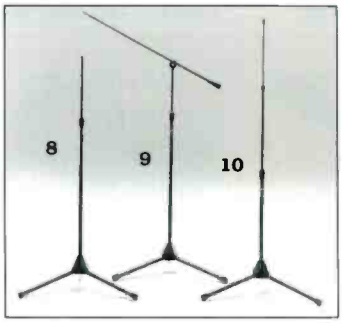
These all-metal tripods feature Glide-n-Lock legs for secure positioning without knobs and screws, the wearproof clutch, high density rubber feet, and a non-reflective ebony finish.

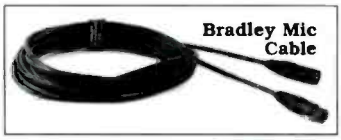
2-section, 34" - 63" high
61ATTL34E **$49.00**
As above with boom
61ATTL34BBE **$64.00**
3-section, 26" - 63" high
61ATTL343E **$69.00**

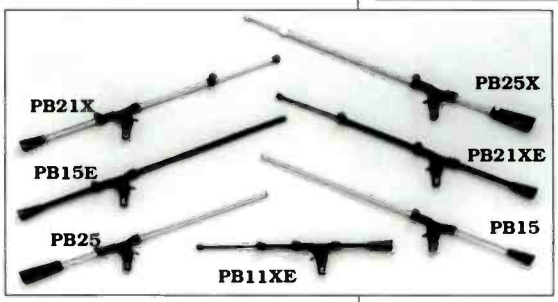
11. SCH-211/2 collapsible boom extends to 38".

Silver	61KM2112	**$22.00**
Black	61KM2112B	**$22.00**





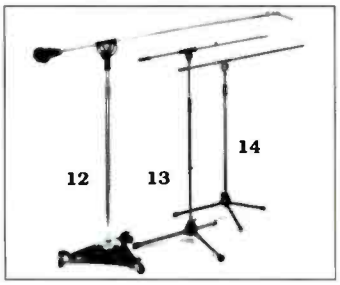




Atlas Performer Series Booms

Feature swivel/clamp, single hand adjustability, bushings for smooth positioning, and counterweights for optimum microphone balance.

BB77 - Basic Boom, 34", chrome
61ATBB77 **$16.00**
BB77E - Basic Boom, 34", black
61ATBB77E **$16.00**
PB11XE - 16" - 24", black
61ATPB11XE **$35.00**
PB15 - 34", chrome
61ATPB15 **$29.00**
PB15E - 34", black
61ATPB15E **$23.00**
PB21X - 25" - 38", chrome
61ATPB21X **$33.00**
PB21XE - 25" - 38", black
61ATPB21XE **$27.00**
PB25 - 34", heavy duty, chrome
61ATPB25 **$35.00**
PB25X - 32" - 51", hvy duty, chrome
61ATPB25X **$40.00**



12. Atlas SB-36 professional boom/stand with a grip action clutch and air suspension. Stand extends from 50" to 74", boom length is 62".

w/o casters	61ATSB36	**$165.00**
w/casters	61ATSB36W	**$189.00**

13. Beyer GST 400 Boom Stand combo with black finish. Stand adjustable 35"-65". Boom fixed at 33". Tripod style base.

GST 400	60BEGST400	**$70.00**

14. K&M Mic Boom Stand A low cost professional collapsible mic stand with adjustable 31" boom. Tripod base.

KM 271	61KM271	**$36.50**

15. Ultimate Liberty has a unique clutch that makes it the easiest stand to adjust. Height ranges from 34" to 64", and the 10" diameter round base allows six stands to be conveniently stacked. Lifetime guarantee.

61USL **$35.00**

16. K&M 23001B Sturdy and collapsible, this tripod base tabletop mic stand has a place in any remote bag. It weighs only half a pound. Base diameter 28 inches.

61KM12996 **$13.90**

17. Atlas DS-7 heavy duty adjustable desk stand is our most requested, and now available in either chrome or ebony finish, both with black base.

Chrome	61ATDS7	**$12.90**
Ebony	61ATDS7E	**$15.90**

Bradley Assembled Mic Cables

You need them, and Bradley's got them. Our own high quality mic cables, using Neutrik XLR connectors, come in 25' and 50' lengths.

25' cable	61WHMKS20	**$14.50**
50' cable	61WHMKS50	**$22.00**

Bradley Bulk Mic Cable

Our low impedance mic cable is rugged and affordable.

per foot	60AT8300	**35¢**

Canare Star Quad Assembled Mic Cables

5 feet	60CAEC005FBXX	**$21.75**
15 feet	60CAEC015FBXX	**$27.00**
25 feet	60CAEC025FBXX	**$31.50**
50 feet	60CAEC050FBXX	**$44.50**

Canare cables are made with Neutrik XLR connectors. Black is available from stock. Other colors are special order and are priced the same. All special order cables have a minimum order of 10 cables in any mix of colors and lengths.

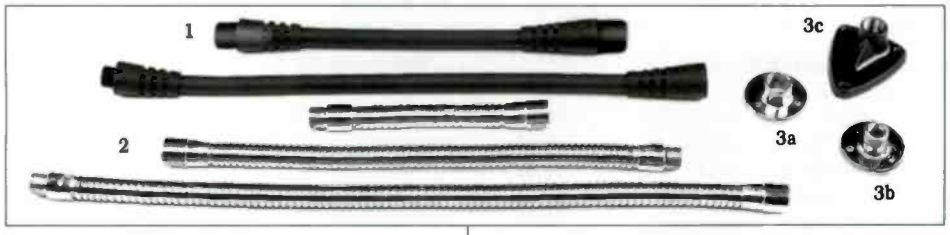
Bulk Star Quad

per foot	60CAL4E6BK	**48¢**
656' reel	60CAL4E605XX	**$293.00**
1000' reel	60CAL4E610XX	**$445.00**

Black is the only color offered by the foot. Reels are available from stock in black, or in blue, brown, grey, green, orange, purple, red, white, and yellow by special order. Call for pricing on multipair cable with 2, 4, 8, 12, 16, and 24 pairs.

Be sure to see our entire line of bulk cable and connectors on pages 90-93.

Goosenecks



1. No more creaking. Solid **Mic-Eze Rubbernecks** eliminate the noise caused by standard goosenecks. XLR versions are wired.

16" Neck	61ACR16	**$12.95**
10" Neck	61ACR10	**$11.50**
12" Neck w/ XLRs	61ACR12X1	**$49.00**
18" Neck w/XLR	60ACR18X1	**$49.00**

2. Standard Goosenecks

6" Chrome	61ATGN6	**$5.95**
6" Black	61ATGN6E	**$5.95**
13" Chrome	61ATGN13	**$6.95**
13" Black	61ATGN13E	**$6.95**
19" Chrome	61ATGN19	**$7.95**
19" Black	61ATGN19E	**$7.95**

3. Atlas Gooseneck Mounting Flanges

a. AD-11B Female 5/8"-27		
Chrome	61ATAD11B	**$3.69**
Ebony	61ATAD11BE	**$3.69**
b. AD-12B Male 5/8"-27		
Chrome	61ATAD12B	**$3.69**
Ebony	61ATAD12BE	**$3.69**
c. AD-18B Heavy Duty Female		
Chrome	61ATAD18B	**$6.59**

Shure A58WS Windscreens

These windscreens fit most mics with ball shaped heads. Available colors are orange, red, blue, brown, black, white, green, and yellow.

61SHA61WSXX **$5.25**

Microphone Mounting Accessories

4. Mom knew that clothes pins are handy. This clothes pin style, spring loaded swivel mic adapter fits most mics. 61BEMKV6 **$14.95**

5. **Mic-Eze Adapter** is an unbreakable mic holder with locking bolt and non-slip grip.

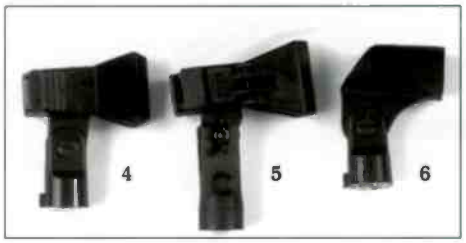
61MEM4 **$12.95**

6. **Tapered Swivel Adapter** fits most Shure mics and many other models.

61SF1 **$4.95**

7. **Suspenders Stand Clamp** attaches to any tubular stand, such as a mic or drum stand. It has a 5/8"-27 thread mount for mic clamp to be attached.

61LPS420 **$7.95**



8. **AKG KM235/1** twin mount for horizontal extension or installation of two mics on one stand. Three pivot points allow flexible mic positioning.

60AKKM235 **$14.99**

Also available:

Atlas TM-1 allows installation of two or three mics on a single stand. 61ATTM1 **$13.95**

Shure A27M twin mount allows placing two mics vertically on one stand. Designed for M-S stereo miking. 61SHA27M **$62.00**

Shure A27T triple mount is the type used by Uncle Sam to hold three Shure SM57 mics for the President.

61SHA27T **$138.00**

9. **Rowi Clamps** make mic mounting quite easy. They allow you to attach your microphone virtually to anything. The clamp jaw opens to 1-1/2", and the mic adapter swivels.

60BBRC **$36.95**

10. **Atlas CO-1B** clamps to mic stands or booms to allow attaching a second mic.

61ATCO1B **$11.19**

11. **MZA-217** 5/8" external to 3/8" internal thread adapter. 61SNMZA217 **$3.00**

12. **Atlas LO-2B** allows quick disconnect of mic clamp.

Chrome	61ATLO2B	**$11.00**
Ebony	61ATLO2BE	**$11.00**

13. **Atlas VM-1** shock mount adapter reduces vibrations to mic. 61ATVM1 **$13.95**

14. **Atlas SW-1B** swivel attachment makes mic placement more convenient.

61ATSW1B **$19.00**

15. **Atlas CH-1B** attaches to mic stand and provides a place to hang the mic cable.

61ATCH1B **$9.69**

16. **Suspenders Clip Clamp** is a spring loaded adapter that clips onto just about anything. Features a 5/8"-27 thread adapter. Keep a few in your road kit.

61LPS413 **$5.75**

Atlas Adapters

Bradley can assist your next installation with these useful adapters. Chrome.

5/8"-27F to 1/2" pipe M	61ATAD1B	**$3.69**
3/8" pipe F to 5/8"-27M	61ATAD2B	**$3.69**
3/8" pipe F to 5/8"-27F	61ATAD3B	**$3.69**
3/4" long, 5/8"-27M thread	61ATAD4B	**$3.69**
Coupling; 5/8"-27F to 5/8"-27F	61ATAD5B	**$3.69**
Coupling; 7/8"-27F to 7/8"-27F	61ATAD6B	**$5.19**
3" long tube; 5/8"-27M thread each end	61ATAD7B	**$3.69**
6" long tube; 5/8"-27M thread each end	61ATAD8B	**$3.69**
7/8"-27F to 5/8"-27F	61ATAD9B	**$6.99**
5/8"-24F to 5/8"-27F	61ATAD10B	**$6.59**
7/8"-27M to 5/8"-27F	61ATAD13B	**$5.99**
90° angle tube; 5/8"-27M & F	61ATAD14B	**$6.59**
"Feed thru", 5/8"-27M & F	61ATAD15B	**$6.59**
45° angle tube; 5/8"-27M & F	61ATAD19B	**$13.39**

Luxo Studio Desk Mounting Arms

A. Luxo KM-1 Mic Arm

The KM-1 reaches 41" without external springs. Balanced for mics weighing two pounds. Requires mounting bracket or riser.

KM-1 Oyster	61LUKM1	**$49.00**
KM-1 Black	61LUKM1B	**$49.00**

B. Luxo LM-1 Mic Arm

Same reach as KM-1 above, but spring-loaded and balanced for mics weighing one pound. Requires mounting bracket or riser.

LM-1 Oyster	61LULM1	**$44.50**
LM-1 Black	61LULM1B	**$44.50**

Also available:

Luxo LM-2 is similar to LM-1 but has a 26" reach.

LM-2 Oyster	61LULM2	**$41.50**
LM-2 Black	61LULM2B	**$41.50**

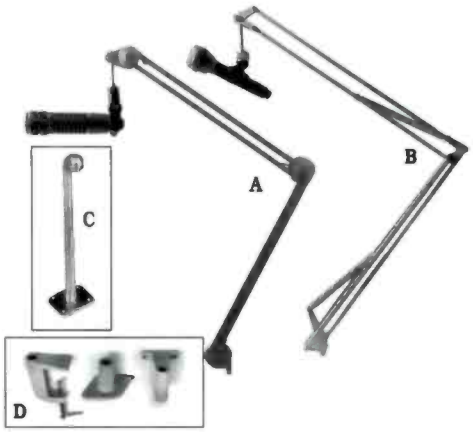
C. Pro Riser

Get a rise from your mic with this 12" metal pedestal, a convenient mount and longer reach for your Luxo arm.

Oyster	61LURISER	**$21.00**
Black	61LURISERB	**$21.00**

D. Luxo Mounting Brackets

C-clamp Oyster	61LUABR	**$9.95**
C-clamp Black	61LUABRB	**$9.95**
Table mount Oyster	61LUCBR	**$9.95**
Table mount Black	61LUCBRB	**$9.95**
Wall mount Oyster	61LUBBR	**$9.95**
Wall mount Black	61LUBBRB	**$9.95**



O. C. White Mic Arms

This complete series of mic arms and accessories accommodates virtually all mics, providing strength and durability in microphone installation. Grey, with models in black available by special order at extra cost.

Single mic arm with riser	60OCSMAR	*MFR LIST*	**$128.00**
Single mic arm only	60OCSMA	*MFR LIST*	**$93.00**
Two joint single mic arm	60OCTJSMA	*MFR LIST*	**$179.00**
Triple mic arm with riser	60OCTMA	*MFR LIST*	**$419.00**

Call Bradley for information on other configurations and mounts, and a current price quotation.

Aphex Tubessence Thermionic Mic Preamp

NEW

Do you like the sound of tube mic preamps, but find their prices bone-jarring? Aphex is out with a brand new product for you: the Model 107 Dual Channel Thermionic Microphone Preamplifier.

The solid state front end is transformerless, using only top-quality capacitors. The tube circuit is a new invention which imparts the sonic characteristics of tubes without the very high voltages, heat, fragility, and short life span of conventional tube circuitry. Aphex is never short for interesting names; they call it Tubessence.

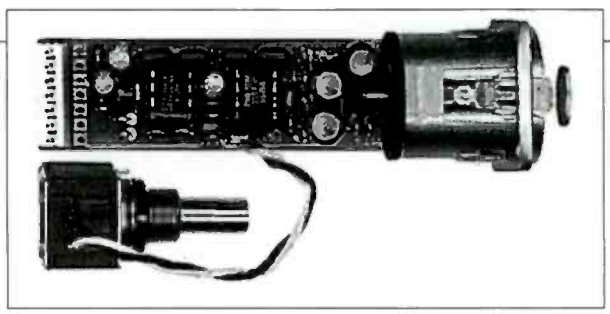
Any facility can benefit from using a 107 in place of a console's mic preamps. Or bypass the console, and record direct to DAT. You get outstanding sonic performance with presence, detail, openness, and image.

The Model 107 provides two discrete preamps, each with its own controls. Switchable 48V phantom, front panel XLR's, 20dB pad, low cut filter, and switchable +4dBm or -10dBV output with 1/4" TRS phone jacks are provided.

Model 107	60AP107	*MFR LIST*	**$595.00**

Call Bradley for a current price quotation.

Benchmark MP-3 Mic Preamp



Benchmark puts a quality, jack mounted mic preamp into a package that can fit just about anywhere. It has a balanced input, variable gain from 26 to 56dB, balanced output for long low-noise runs, and with an external source, the ability to feed phantom power. It's ideal for DAT recording, ENG, talkback-IFB systems, and more.

Expect remarkable THD of 0.0015%, and a bandwidth of better than 200kHz.

A bipolar supply like the Benchmark PS-1 is required.

MP-3	60BMMP3	*MFR LIST*	**$95.00**
Accessory:			
PS-1 Power Supply	60BMPS1	*MFR LIST*	**$35.00**

Call Bradley for a current price quotation.

Rane Mic Preamps

NEW

Amplify your mic output, affordably. The Rane MS1 mic preamp has a minimum of noise, distortion, cost, or hassle. Only 1.65"H x 5.1"W x 4.25"D, the MS1 is designed to be installed where you need it. It provides switchable (+15VDC) phantom power, continuous rotary gain trim between 20dB and 60dB, LED overload indicator, XLR input connector, and balanced TRS 1/4" output. The MS1 uses one of the finest ultra low noise amplifier designs available, featuring true differential inputs with high common mode rejection.

The new DMS 22 is a dual channel, rack mount mic preamp with extensive EQ, a stereo mixer, 48V phantom, panning, and more. Call for details.

Call Bradley for a current price quotation.

MS1	60RNMS1	*MFR LIST*	**$189.00**
DMS 22	60RNDMS22	*MFR LIST*	**$549.00**

ATI Mic Preamps

Treat your mics to an ATI preamp.

The Ultimike is a small, rugged preamp that can be mounted near the audio source and has an unusually quiet, active balanced instrumentation type input stage with impressive hum and RF rejection. Built in are a switchable limiter and low-cut filter. Gain is adjustable over a wide range, and a front jack allows you 15dB of gain trim from a remote location with a 10K pot. For condenser mics, 48V phantom power is available at the flip of a switch. A phase reversing switch is on the front panel, and XLR connectors are used for inputs and outputs.

The M1000 is a dual preamplifier for one stereo or two mono mics. Versions are available with transformer or balanced differential outputs, with or without switchable 48V phantom power.

Call Bradley for a current price quotation.

Ultimike M100	60AIM100	*MFR LIST*	**$349.00**
M1000 transformer output	60AIM10001	*MFR LIST*	**$429.00**
M1000 differential output	60AIM10002	*MFR LIST*	**$399.00**

M1000 transformer output, phantom power
60AIM10001P *MFR LIST* **$459.00**

M1000 differential output, phantom power
60AIM10002P *MFR LIST* **$429.00**

Accessories:

Rack mount kit for one M1000
60AI20021 *MFR LIST* **$20.00**

Rack mount kit for two M1000
60AI20024 *MFR LIST* **$25.00**

Symetrix SX202 Dual Mic Preamp

Bypass your console's preamp and use this preamp instead, or use it to record to DAT in the field, or improve the sound of your paging system.

The SX202 has variable gain inputs with 15dB pads and selectable 48VDC phantom powering. When used with a stereo pair of mics, it has less than 10 degrees phase shift at 20kHz. A polarity switch corrects improperly wired cables or unresolvable mic placement problems. This unit boasts low noise and distortion (0.007%), as well as excellent transient characteristics. Half-rack design.

Call Bradley for a current price quotation.

SX202	60SYSX202	*MFR LIST*	**$299.00**

Rack mount kit for one or two SX series units.
60SYRM2 *MFR LIST* **$39.00**

Symetrix 528E Voice Processor

NEW

Use it on any signal, voice or otherwise. Stepping into the tracks of its predecessor, the new 528E will find eager users who will hook it up to broadcast announce mics, voice-over studios, and PA systems. It's a self-contained voice processor that enhances intelligibility, reduces off-mic noise, and increases perceived presence. It performs mic preamplification, de-essing, downward expansion, compression/limiting, voice symmetry alignment, and parametric EQ.

Preamp gain is variable up to 60dB; 48V phantom power is provided for your condenser mics. A switchable 15dB pad, mic/line input switch, RFI protection, and variable EQ bandwidth are standard. Mic and line inputs and the balanced output are XLR.

528E	60SY528E	*MFR LIST*	**$699.00**

Call Bradley for a current price quotation.

Symetrix 601 Digital Voice Processor

NEW

Plenty of processing horsepower here: the Symetrix 601 digital voice processor is at home as an on-air or voice-over box, digital mastering unit, studio fix-it kit, and film/post MIDI controlled effects unit.

Think of it as a "bridge" from the analog to digital domain. It takes mic or line analog signals, converts to 18-bit digital, and then performs 24-bit digital signal processing. The 601 provides stereo digital I/O in either AES/EBU or S/PDIF formats, plus analog mono XLR connectors for mic in, line in, and balanced out.

In the 601, you get parametric and shelving EQ, notch filtering, noise reduction, de-essing, delay, chorusing, gating, expansion, AGC, and DC removal. Program and control the 601 with MIDI in and out.

Instant recall and real-time updating of all parameters let you use the 601 without constant fiddling with the controls. It comes with 128 factory presets and another 128 non-volatile slots for your own settings.

601	60SY601	*MFR LIST*	**$1995.00**

Call Bradley for a current price quotation.

AIR Corp. Pro Announcer

The special compressor/expander combination of the Pro Announcer reduces room and equipment noise, while providing level control and increased loudness. This mic processor allows remote control to correct levels between announcers. When levels are correct, the EQ can be set easily with no further adjustment. A +48V phantom supply is built in. Dynamic control coupling can virtually eliminate hollow room sounds and flanging effect.

Features include front panel selection of input level in four ranges (-50dBm to +4dBm), phase rotators for more talk power without compression, variable boost and cut EQ, "popless" insert point for effects devices, de-esser, and simultaneous mic and line level outputs to feed your console and phone hybrid.

Main audio connections are XLR; effects loop connections are 1/4" TRS.

500-PH Pro Announcer	62AP500PH	*MFR LIST*	**$799.00**

Call Bradley for a current price quotation.

Stewart Power Supplies

This power supply system delivers +48V to mics, direct boxes, and any other device needing phantom power. All include a Stewart PS-1 power supply, and you can combine models for up to 12 channels on one supply. Isolated outputs protect other equipment.

For field work, use the BPS-1 battery supply which uses two 9V's to produce +48V phantom power for a single mic. Belt clip and low-battery indicator included.

PM-1 one channel	60SEPM1	**$79.00**
PM-2 two channel	60SEPM2	**$125.00**
PM-4 four channel	60SEPM4	**$149.00**
PM-6 six channel	60SEPM6	**$209.00**
BPS-1 battery powered	60SEBPS1	**$95.00**

Sony UHF Synthesized Wireless

Synthesized control makes it easy to access up to 94 channels for virtually interference-free, UHF wireless operation. The space diversity system offers stable reception at extended operating distances. Presets are programmed into each tuner for instant configuration of systems using up to 11 channels simultaneously.

Tuners are one rack space tall and include rack ears. Antennas are powered from the receiver and are purchased separately. Both transmitters and receivers feature a multi-function LCD status display.

Sony provides superb audio quality in these wireless products.

WRR-820A Diversity Tuner
60SOWRR820A *MFR LIST* **$1455.00**

WRR-840A Dual Diversity Tuner
60SOWRR840A *MFR LIST* **$2175.00**

WRR-810A Portable Tuner with antenna (uses two "AA" cells)
60SOWRR810AXX *MFR LIST* **$1185.00**

WRT-810A Handheld Transmitter Mic
60SOWRT810AXX *MFR LIST* **$890.00**

WRT-820A Bodypack Transmitter with Sony Lavalier Mic
60SOWRT820XXX *MFR LIST* **$880.00-$1090.00**

AN-820A Antenna with built in amp
60SOAN820A *MFR LIST* **$183.00**

WD-820A Antenna Distributor for using two antennas with up to four receivers 60SOWD820A *MFR LIST* **$1300.00**

Call Bradley for a current price quotation.

Telex Wireless Microphone Systems

VHF FMR Series

All FMR receivers from Telex come with patented Pos-i-Phase true diversity circuitry that produces a 3dB stronger signal, for a higher quality sound over a longer distance, without dropouts or offensive switching noise. Exclusive Pos-i-Squelch will not erroneously open from spurious RF energy or electric appliances.

The **FMR-70** is a good choice when your budget is limited: an affordable, quality, diversity system, and up to 12 systems can operate at once. The receiver is a half-rack design.

The **FMR-100** offers exceptional features in a moderately priced receiver, including computer-matched linear phase filters to minimize distortion, a new compander system, and lower noise amp. Up to 18 can be used at once. Half-rack design.

The **FMR-200** is a new, top of the line model: the receiver is a full rack space wide, comes with rack hardware, and features a full linear phase High-Q front end. Up to 36 can be used at once.

All packages below include the appropriate single channel receiver, AC wall transformer, and two quarter-wave antennas (FMR-200 antennas are remotable 5/8-wave). All mics are electret/condenser. Call for your Bradley price.

FMR-70C Cardioid Lapel Mic System, with WT-55 belt-pack transmitter and WLM-60 lapel mic.

60TXFMR70C *MFR LIST* **$599.00**

FMR-70H Hand-Held Mic System, with HT-200/65 hand-held transmitter with 65-ELE mic head.

60TXFMR70H *MFR LIST* **$699.00**

FMR-100C Cardioid Lapel Mic System, with WT-60 belt-pack transmitter and ELM-33S micromini lapel mic.

60TXFMR100C *MFR LIST* **$904.00**

FMR-100H Hand Held Mic System, with HT-200/65 hand-held transmitter with 65-ELE mic head.

60TXFMR100H *MFR LIST* **$935.00**

FMR-200L Omni Lapel Mic System, with WT-80 belt-pack transmitter, ELM-22S micromini omni-directional lapel mic, rack kit for receiver.

60TXFMR200L *MFR LIST* **$1399.00**

FMR-200C Cardioid Lapel Mic System, same as above but with ELM-33S cardioid mic.

60TXFMR200C *MFR LIST* **$1404.00**

FMR-200H Hand Held Mic System, with HT-200/65 hand-held transmitter with 65-ELE mic head, rack kit for receiver.

60TXFMR200H *MFR LIST* **$1280.00**

Call Bradley for a current price quotation.

Call us for other individual Telex components.

UHF FMR-450 Series

Avoid the interference and congestion common in VHF systems by operating in the UHF band between 524 and 746MHz. Use up to 50 systems at once, in one location.

Pos-i-Phase true diversity circuitry operates over long distances reliably. The noise type squelch circuit maintains overall system quieting. The receiver is a half rack space wide, one space high, and includes a balanced mic-level output with attenuation control. Each hand-held or belt-pack transmitter has silent ON switch, audio mute, and low battery indicator. Frequency response is 50-15kHz ±1dB, with S/N of 110dB. All are covered by the Telex three-year warranty.

Each single-channel package below includes one FMR-450 UHF Receiver, two 1/2-wave, co-linear antennas with remote antenna mounting hardware and six-foot cable, and an AC wall transformer. Call for a current price, and for info on more elements for your handheld transmitter.

FMR-450L Omni Lapel Mic System, with WT-450 belt-pack transmitter and ELM-22L micromini electret lapel mic.

60TXFMR450L *MFR LIST* **$1425.00**

FMR-450C Cardioid Lapel Mic System, with WT-450 belt-pack transmitter and ELM-33L micromini electret lapel mic.

60TXFMR450C *MFR LIST* **$1439.00**

FMR-450H Cardioid Hand-Held Mic System, with HT-450/65 hand-held transmitter with 65-ELE condenser mic element.

60TXFMR450H *MFR LIST* **$1499.00**

Call Bradley for a current price quotation.

Other Telex Wireless Products

Note: Telex wireless products are compatible with each other. Call to configure these receivers with the mics you need.

The FMR-4 is a broadcast quality, four channel, frequency agile, true diversity VHF receiver with noise reduction, two 5/8-wave antennas, line/mic switchable output, frequency indicator, headphone output, and rack kit. Use up to 18 systems together.

60TXFMR4 *MFR LIST* **$2000.00**

The ENG-1 is an extra small, portable, single channel dockable VHF receiver with balanced output, headphone output, level and squelch controls, rubber antenna, removable belt clip, and more. Takes 9V battery.

60TXENG1 *MFR LIST* **$285.00**

The ENG-4 is a portable, frequency agile, dockable VHF receiver with four selectable frequencies. Ideal for camera mount. Balanced output, headphone output, rubber antenna, more. Takes four "AA" cells.

60TXENG4 *MFR LIST* **$1500.00**

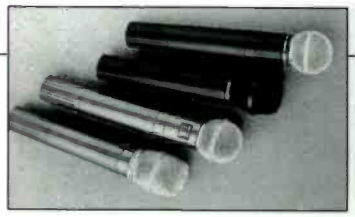
The AD-200 is a wideband 150-234 MHz diversity antenna splitter/combiner with power supply for four FMR series receivers. Combines as many as eight antennas into two. Includes rack mount, and (8) 2' cables for receivers, and (4) power hook-up cables. A UHF version is also available.

60TXAD200 *MFR LIST* **$499.00**

Call Bradley for a current price quotation.

Shure L Series Wireless Systems

Bradley Best Seller



VHF wireless microphones unleash you from your mic cables, without substantial expense. Available in both diversity and non-diversity systems, the L Series offers 102dB dynamic range. The non-diversity L3 receiver provides sensitive, interference-free operation. The true diversity L4 receiver uses Shure's MARCAD design for the benefits of two independent RF sections plus improved signal-to-noise ratio and outstanding reception.

The L11 body-pack transmitter has noiseless muting and extended dynamic range. It works with a variety of lavalier mics and instrument outputs. For hand held applications, choose a mic transmitter with an SM58 dynamic, or for Diversity Handheld, an SM87 condenser element.

Optional accessories include rack mount kits for the receivers and an antenna splitter with power supply for multiple receiver systems. Call us for details.

L Series Non-Diversity Body-pack System
includes L3 receiver, L11 body-pack transmitter, SM84W uni mic

	60SHLS1384	*MFR LIST*	**$505.00**

L Series Non-Diversity Handheld System
includes L3 receiver and handheld transmitter SM58 mic

	60SHLS2358	*MFR LIST*	**$550.00**

Call Bradley for a current price quotation.

L Series Diversity Body-pack Systems
includes L4 receiver, L11 bodypack transmitter, mic

with SM83W omni mic	60SHLS1483	*MFR LIST*	**$605.00**
with SM84W uni mic	60SHLS1484	*MFR LIST*	**$645.00**

L Series Diversity Handheld Systems
includes L4 receiver and handheld transmitter mic

with SM58 capsule	60SHLS2458	*MFR LIST*	**$690.00**
with SM87 capsule	60SHLS2487	*MFR LIST*	**$750.00**

Accessory:
WA404 Antenna Splitter

	60SHWA404	*MFR LIST*	**$600.00**

Shure SC Series Wireless Systems

What could be worse than setting up a wireless system for your big event, only to find out you're getting blown away by interference from down the block?

Here's an affordable VHF wireless system that solves the problem. Just change frequencies on the spot. The SC Series lets you choose among eight frequencies (four in traveling models), selectable in seconds, all with MARCAD performance. A battery "fuel gauge" right on the mic or bodypack tells you how much life is left in the 9V battery.

Tone Key Squelch lets you turn the transmitter power on or off without unwanted noise; the receiver remains muted, so undesired signals don't get into the system. Each receiver occupies only a half-rack space; mount two side by side, or center-mount one, or mount one receiver plus two front-mount antennas.

SC Series Diversity Lavalier Systems

Each includes receiver, bodypack transmitter, WL83A omni lavalier mic, two 1/4 wave antennas, rack kit.

SC14/83-S with single rack mount kit, no antenna mount	60SHSC1483S	*MFR LIST*	**$775.00**
SC14/83-D with dual rack mount kit to accommodate a second receiver	60SHSC1483D	*MFR LIST*	**$775.00**
SC14/83-F with single rack mount kit, antennas mount on panel	60SHSC1483F	*MFR LIST*	**$795.00**

SC Lavalier Systems are also available with unidirectional lav, omni micro-lav, or headworn microphones. Call for details.

SC Series Diversity Handheld Systems

Each includes receiver, handheld transmitter with SM87 mic element, two 1/4 wave antennas, rack kit.

SC24/87-S with single rack mount kit	60SHSC2487S	*MFR LIST*	**$935.00**
SC24/87-D with dual rack mount kit to accommodate a second receiver	60SHSC2487D	*MFR LIST*	**$935.00**
SC24/87-F with single rack mount kit, antennas mount on panel	60SHSC2487F	*MFR LIST*	**$955.00**

SC Handheld Systems are also available with an SM58 mic element. Call Bradley for a current price quotation.

Denon CD Cart Machines

The **DN-951FA** is Denon's popular CD CART machine. Each CD is housed in a special plastic case, so the risk of scratching is greatly reduced.

Use Denon's signature rotary track knob to dial up your next cut; just hit play for instantaneous audio. Manually search through a track; select single or continuous play modes, even preview the last several seconds of the track via the "End Monitor" mode.

The unit also incorporates Denon's Auto Track Select System (ATSS). It reads barcodes placed on the CD by your program director. You can cue to a specified track, to the exclusion of all others via Track Exclusive mode; or cue to a specified track, allowing the operator to select others, via Track Priority mode; or exclude a specific track, allowing the operator to select any of the remaining tracks, via Track Lockout mode. The footprint of the machine allows three units to fit across a standard 19" EIA rack. Remote control is easy using pull-to-ground logic or via the RS422 serial interface. 16 bit linear, 8x oversampling assures quality audio. Outputs are balanced analog, adjustable from -20 to +18dBm, and AES/EBU digital.

DN-951FA	60DEDN951FA	*MFR LIST*	**$1400.00**

Also available from Denon:

The **DN-961FA** is a drawer-loading version of the DN951FA, for those stations who choose not to use the CD Cart format. Other features are similar except for the absence of the Auto Track Select System.

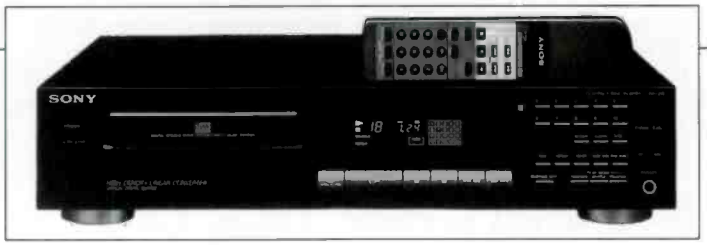
DN-961FA	60DEDN961FA	*MFR LIST*	**$1400.00**

The **DN-970FA** is intended for use in audio, video, and film production. Features include ±10% variable speed, up to three separate cue points, external sync in/out, quick search and cue time, and more. This model uses the "CD Cart" cases, and is wider than those listed above. Call for details.

DN-970FA	60DEDN970FA	*MFR LIST*	**$2599.00**

Call Bradley for a current price quotation.

Sony CDP CD Players



Rumor has it that some of our customers buy these CD players for use in their stereo systems at home. Whatever.

These are Sonys, and we know they work no matter where you take them. These affordable high-fidelity single disc players use hybrid pulse D/A converters and digital servo control for superb performance. Each model has peak search, manual fader, four repeat modes, time and program edit, and more.

The CDP-215 has the features listed above. The CDP-315 adds a wireless remote control and optical digital output.

Need a rack shelf? See page 120.

CDP-215	60SOCDP215	*MFR LIST*	**$180.00**
CDP-315	60SOCDP315	*MFR LIST*	**$200.00**

Call Bradley for a current price quotation.

Denon DN-650F CD Player

NEW

Known for their cart-style CD machines, Denon is also moving into the traditional pro CD market. The DN-650F is a new, single CD player designed for broadcast stations and post-production rooms, with an affordable price.

Instant start provides audio within 0.01 seconds. A defeatable pitch control adjusts speed ±8%. The display can show either elapsed or remaining time on a track.

You can listen to the end of tracks with the "End Monitor" feature, and "Cue" lets you preview the beginning of cuts repeatedly.

The unit uses 18-bit, 8-times oversampling; it is built for mounting in a 19" EIA rack and occupies only two rack spaces. Parallel remote port, digital coaxial output, and both XLR balanced and RCA unbalanced analog outputs are provided. Give it a try!

DN-650F	60DEDN650F	*MFR LIST*	**$750.00**

Call Bradley for a current price quotation.

Record your own CDs. See page 5.

Tascam CD-401 MKII CD Player

Bradley Best Seller

We like the way one of our customers described this model: "A perfect combo of price and professional features." Really, we don't make this stuff up.

Tascam's CD-401 MKII does indeed give you lots of broadcast features at a consumer price. This unit is rack mounted, and comes with a fader start port and a pitch control with plus or minus 6% range. The CD-401 MKII has digital S/PDIF outputs as well as XLR balanced and RCA unbalanced analog outputs.

Specs are broadcast standard, with 18 bit, 4x oversampling, a precision three beam pick-up for accurate tracking, and Tascam's "Zero Distortion" circuitry. A wired remote is optional.

CD-401 MKII	60TECD401	*MFR LIST*	**$999.00**

Accessory:

Wired remote control	61TERC401	*MFR LIST*	**$85.00**

Call Bradley for a current price quotation.

Tascam CD-601 CD Player

The CD-601 is the nucleus of a powerful CD playback system for on air or production use. The superb lock-down transport alone sets this player apart.

The auto cue feature cues to the beginning of a selected track; end check lets you monitor and define the end of a cut. A frame-accurate jog wheel allows repeatable searching. To improve on the 0.3 second startup time even more, choose the optional BU-2 RAM Buffer.

All but the basic transport functions can be disabled, to prevent embarrassing errors.

Single/continuous modes, ±9.9% pitch control, RS232C serial port, and fader- and event-start capabilities are all provided. The display includes frame and index information as well as track number and time. Outputs are balanced XLR and unbalanced RCA line, plus digital S/PDIF; you can choose an optional interface for AES/EBU digital output.

The optional RC-601 is a full function remote control and display, with sequencing playback, numeric keypad, program playback, A-B repeat, three locate points for post production work, and more.

Call Bradley for a current price quotation.

CD-601	60TECD601	*MFR LIST*	**$1699.00**

Accessories:

RM-601 Rack Kit	60TERM601	*MFR LIST*	**$225.00**
RC-601 Remote	60TERC601	*MFR LIST*	**$849.00**
BU-2 RAM Buffer	60TEBU2	*MFR LIST*	**$325.00**
IF-601 AES/EBU Interface	60TEIF601	*MFR LIST*	**$200.00**

Tascam CD-301 CD Player

The CD-301 is a good choice if you need a muscular CD player and you're on a budget. Analog outputs are on balanced XLR and unbalanced RCA connectors, and rack mount ears are standard. ZD "Zero Distortion" circuitry and 18 bit, quadruple oversampling D/A converters assure excellent sound reproduction. Front panel controls are limited to the basics, with full programming available via the wired remote control, included. Play just one cut at a time, or use the special link function that allows one unit to start another for sequenced play.

CD-301	60TECD301	*MFR LIST*	**$649.00**

Call Bradley for a current price quotation.

Sony CDK-3600 CD Auto Disc Loader

For serious, large capacity CD systems, the Sony CDK-3600 tops the list. It holds 360 compact discs and incorporates two players for continuous play, with variable crossfade. Each player can be connected separately to an audio mixer.

Auto cueing gives fast audio start. Playback speed is variable ±12%.

Most operations are controllable from a computer via RS-232C or RS-422A ports. Up to 28 CDK-3600's can be connected through the Interface, for a theoretical limit of 9,999 discs.

Digital outputs as well as balanced XLR and unbalanced phono analog outputs are provided.

Call us for specifications and pricing.

Technics SL-PG350 & SL-PG450 CD Players

Bradley Best Seller

Technics' MASH technology is also available in these moderately priced, single CD decks. The SL-PG350 and SL-PG450 have a digital servo system for faster access and improved focusing. Both units feature a four DAC design with 32x oversampling, 18-bit resolution, and a digital filter. The linear motor used in these players provides remarkably accurate and responsive tracking of the disc. Auto cue is standard on both models.

The SL-PG450 has the added features of a front panel headphone jack with volume control, a wireless remote control, and 10 key direct access. Outputs are high impedance, unbalanced, on RCA jacks.

For a great deal on these models, see the packages below.

SL-PG350	60TCSLPG350	*MFR LIST*	**$159.95**
SL-PG450	60TCSLPG450	*MFR LIST*	**$179.95**

Call Bradley for a current price quotation.

Bradley Compact Disc Packages

Technics Single CD Players

Save even more with Bradley's packages featuring the popular Technics SL-PG450 CD player with auto cue and direct access. By adding an Excalibur interface amplifier, we bring up your outputs to balanced broadcast levels. A Middle Atlantic rack shelf holds your deck and, unlike rack ears, can be re-used with other models later.

One-Shot (List Price Value: $334.00)

(1) Technics SL-PG450 CD Player
(1) Excalibur CD-1 Interface Amplifier
(1) Middle Atlantic U2 Rack Shelf

Package 9511 **$249.00**

Two-Shot (List Price Value: $635.00)

(2) Technics SL-PG450 CD Players
(1) Excalibur CD-2 Dual Interface Amplifier
(2) Middle Atlantic U2 Rack Shelves

Package 9512 **$475.00**

Denon Large Capacity CD System

Denon has a 200-disc changer that can grow into a system holding up to 800 CD's. The DN-1200 provides exceptional audio performance, very fast disc access time, and a changer mechanism built for constant use.

Digital data ports for RS-232C or RS-422A control are provided. Tracks or track groups can be assembled into programs. Digital memory can hold up to 800 CD titles. A CD Index File holds the back jacket from each CD.

Call Bradley for more information and pricing on this CD changer.

Technics CD Changers

NEW

Play one, change four!

If you need a CD changer, consider the SL-PD687 or SL-PD887 from Technics. Rotary front loading design lets you change any four discs while the fifth is playing. The loading mechanism is super quiet.

Technics' renowned MASH 1-bit DAC system, 32-step random access programming, spiral play, and a new disc location display are standard features. Both changers have high impedance, low level, unbalanced RCA outputs, so an interface amplifier (pages 85-86) is recommended for broadcast applications.

The SL-PD887 adds a wireless remote control with power button.

SL-PD687	60TCSLPD687	*MFR LIST*	**$199.95**
SL-PD887	69TCSLPD887	*MFR LIST*	**$219.95**

Call Bradley for a current price quotation.

Denon DN-2000F

Winner of multiple magazine and disco club awards, the DN-2000F from Denon is a favorite of professional club DJ's.

This road-worthy, double CD player packs a lot: fast start, pitch control, cueing, pause control, pitch bend, and a self-locking transport for rugged mobility. Eight-times oversampling means sound quality, and the ability to separate the player from the controller lets you organize your space in any way you'd like. Outputs are high impedance, unbalanced, on RCA jacks.

Call Bradley for a current price quotation.

DN-2000F 60DEDN2000F *MFR LIST* **$1250.00**

What? Bradley is still selling turntables?

You're darn right. Plenty of audio professionals still want the sound and familiar performance of vinyl, and no pro turntable has spun a platter for more vinyl lovers than the famous SL-1200. It's a standard in broadcast and discos for good reason.

Its features include quartz lock, slide fader pitch adjustment of ±8%, acoustic isolation, 0.7 second startup time, stylus illuminator, and speed strobe indicator. The SL-1200MKII is a complete system that includes tonearm, base, and dust cover. The direct drive mechanism provides the lowest noise and rumble obtainable in this price range.

Need a cartridge and preamp? Let us recommend them. Call Bradley today.

Call Bradley for a current price quotation.

SL-1200MKII 60TC1200 *MFR LIST* **$499.95**

CD Accessories and Record Care

Excalibur CD-1 & CD-2 Interface Amps

Count on Excalibur to help you connect semi-pro (-10dBV) to professional (+4dBm) equipment. The CD-1 amplifies one stereo source; the CD-2 handles two. Inputs are on phono jacks; the barrier strip outputs are adjustable up to +22dBm. Frequency response is 10Hz to 25kHz ±0.25dB; THD is <0.006% and noise is >90dB below 4dBm. Guaranteed to work in the strongest RF fields.

CD-1	60EXCDI	*MFR LIST*	**$99.00**
CD-2	60EXCD2	*MFR LIST*	**$165.00**

Henry TwinMatch

Hank designed the TwinMatch to interface two consumer CD players into your professional level studio. Output level is up to +26dBm. Frequency response is DC to 20kHz ±0.25dB; THD is 0.008% at any level; and noise is 85dB below +4dBm. The metal chassis is RF proof, and every unit includes famous Henry reliability.

60HETM *MFR LIST* **$195.00**

Call Bradley for a current price quotation.

ATI Disc-Patcher

ATI's one-way level and impedance interface is a popular choice for connecting the output of a consumer CD player to a professional (600 ohm balanced, +4dBm) system. The design provides greater rejection of common mode interference, which is particularly important in high RF environments. The Disc-Patcher offers 102dB dynamic range, flat (±0.25dB 20Hz to 20kHz) frequency response, and low 0.005% THD. A convenient Velcro mount is supplied.

60AIDP100 *MFR LIST* **$269.00**

Accessory:

Rack Kit Holds one or two Disc-Patchers.

60AI20273 *MFR LIST* **$25.00**

Benchmark IFA3 IHF-to-Pro Interface

The IFA-3 offers 26dB of gain, THD @2kHz of 0.0008%, 120dB dynamic range, and excellent RF immunity. Requires power supply.

60BMIFA3 *MFR LIST* **$155.00**

Power Supply for IFA interfaces.

Handles one IFA device. 60BMPS1 *MFR LIST* **$35.00D4**

Record Cleaning System

The exclusive slanted fibers and absorbency of the Discwasher pad work together with the D4 Fluid to lift off microdust, fingerprints, and smoke particles. D4 cleans without building up residue on the record surface.

61DID4S **$17.99**

SC-2 Stylus Care System

The SC-2 includes a precision nylon brush and a stylus-safe cleaning liquid.

61DISC2 **$7.25**

Discwasher Refills

D4 fluid six ounce bottle	61DID4R6	**$7.60**
SC-2 fluid 3.5 ounce bottle	61DISC2R	**$1.95**

We carry phono cartridges and preamps. Call toll free today: 1-800-732-7665.

Bradley PA System I

Take the quality of Electro-Voice on the road. Our package includes a six- or eight-channel, mono powered PMX mixer, with phantom power, nine-band EQ, digital reverb/delay, and low- and high-impedance inputs as well as insert points. It delivers 125 watts into 8 ohms.

The package also includes a pair of EV's new Sx100's. These compact, portable speakers have a titanium diaphragm compression driver and 12" woofer; they weigh only 32 pounds each but handle 200 watts continuous, and provide 80Hz to 25kHz (-3dB) response. Sound quality is great even out to 45-degrees off axis on either side. Your vocals will sound natural, yet still cut through noisy, reverberant rooms.

Speakers measure 23.1"H x 16.9"W x 12.3"D. Packages include two 50' speaker cables. Use the optional Mb200 wall/ceiling mount, or select an Ultimate support stand (page 51). Retail value is $2200-2500.

Package 9513 with 61PMX 6-channel mixer **$1549.00**
Package 9514 with 81PMX 8-channel mixer **$1679.00**

Accessory:
Mb200 Mounting Bracket **60ELMB200** **$30.00 ea**

Bradley PA System II

Our Toa package is ideal for smaller rooms. The Toa MX-101 is an affordable powered mixer with four inputs, each with both 1/4" TS high impedance and XLR low impedance connectors as well as EQ. Output is 57 watts into 8 ohms, and the MX-101 has an internal spring reverb and a three band EQ on the output stage. We've matched it with a pair of Toa SL-120 speakers (details on page 50) and two 50' speaker cables. A $1335.00 value.

Package 9515 **$759.00**

Bradley PA System III

The Toa MX-401 is a high performance, four channel mixer. Each channel has a 1/4" TS high impedance input as well as an XLR low impedance input. Controls include level, high and low frequency EQ, reverb, and monitor. The master section features a five band graphic EQ with 12dB cut/boost, built-in auto-compressor, reverb, monitor, and auxiliary level controls plus a selection of jacks for patching signal processing equipment. At 8 ohms, the MX-401 delivers 100 watts RMS. Our package includes a pair of Toa SL-150 speakers (described on page 50) and two 50' speaker cables. A $1670.00 value.

Package 9516 **$949.00**

Crown CSL Amplifiers

Got a big load to carry? Let Crown help. A computer designed heat sink/fan combination dissipates heat efficiently to protect these amps, and Crown circuitry provides protection from output shorts, mismatched loads, RF burnout, input DC, and input overload.

The CSL-460 puts out 200 watts per channel into 8 ohms, and the CSL-800 puts out 320 watts. Other specifications, common to both units, include S/N ratio 103dB @ full output and 26dB gain; response ±0.5dB, 20Hz to 20kHz; harmonic distortion, less than 0.1% at rated output into 8 ohms, both channels driven; IM distortion, less than 0.05% at rated output into 8 ohms, both channels driven; and damping factor greater than 1100. Input connectors are 1/4" TRS jacks and output connectors are binding posts.

CSL-460	60CRCSL460	*MFR LIST*	**$875.00**
CSL-800	60CRCSL800	*MFR LIST*	**$995.00**

Call Bradley for a current price quotation.

Call Bradley for info on other high power amps.

Anchor Portable Sound

Anchor makes portable sound systems, and we love them. Choose from among models that will reach audiences as small as a dozen people, or as large as a thousand. We can even provide info on versions that can serve an area the size of a football field and reach 5,000 people. Three of our most popular models are shown here. Call Bradley for an Anchor catalog.

Anchor Mini-Vox

The Mini-Vox is a little loudmouth: a powerful, over-the-shoulder portable PA system that projects your voice for hundreds of feet, to reach up to 200 people. It weighs less than six pounds and has an integrated amplifier that delivers 15 watts to its five-inch speaker. Available in red or black.

Mini-Vox 60ANPB25X **$218.00**

Many models can be equipped with speaker stands, wireless mics, even a built-in cassette player. Call us to learn more.

Anchor Liberty

Bradley Best Seller

The Liberty can handle a crowd of up to 1,000 and is available in AC or battery versions. It features two XLR mic inputs with 15VDC phantom power, aux line input, line level output, two band EQ, and an external speaker output. The AC powered MPA-4500 delivers 75 watts. The MPB-4500 gives you 50 watts of amplification and has an internal rechargeable battery that runs for four hours per charge.

MPA-4500 AC powered
60ANMPA4500 **$849.00**
MPB-4500 Battery powered
60ANMPB4500 **$945.00**

Anchor Explorer

Explorer handles crowds of up to 400 people, with great, full range audio. A heavy-duty amp and two-way speaker system (6½" woofer, high-output horn tweeter) deliver every bit of voice or music. The AC version PA-2500 puts out 50 watts and has an unswitched 8 ohm speaker output. The 25-watt battery version has a built in charger and can run for six hours on a charge. Weight: only 23 pounds.

PA-2500 AC powered
60ANPA2500 **$549.00**
PB-2500 Battery powered
60ANPB2500 **$549.00**

Community CSX Series Speakers

CSX speakers deliver exceptional sonic quality night after night. Ferro-fluid cooling of the LF drivers withstand the rigors of long term, high power use. Internal fuseless protection guards against excessive input levels, while sophisticated filters provide a smooth crossover curve between transducers. The CSX cabinets sport an attractive, durable black carpet finish.

Here are our best sellers:

The CSX25 is the smallest of the series, with a twelve inch two-way configuration. 32 pounds, 18.25"H x 15"W x 13.5"D.

The CSX35 is slightly larger than the 25 and uses a 15" woofer and a larger cabinet volume to produce a more solid low frequency response. 43 pounds, 23.75"H x 17.25"W x 13.5"D.

The CSX52 has a smooth, three-way design which allows for a more honest reproduction of the important mid-range frequencies, while still using a 15" woofer to produce gratifying low frequency response. These cabinets sound like Hi-Fi speakers, yet they will develop tremendous sound pressure levels. 82 pounds, 33.5"H x 18"W x 18"D.

Other Community models are available.

CSX25	60COCS25	**$212.00**
CSX35	60COCS35	**$253.00**
CSX52	60COCS52	**$438.00**

Toa Speakers

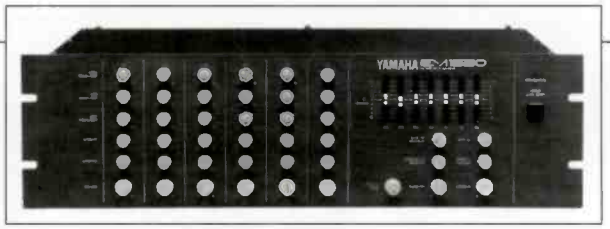
Toa's two great lines of reinforcement speakers are constructed to withstand the punishment of the road. The SL series consists of the SL-120 with a 12" woofer and the SL-150 with a 15" woofer. Both use a constant directivity 90-degree horn with a piezo high frequency driver. The SL-120 weighs 29 pounds and measures 20.3"H x 14.8"W x 12.1"D. The SL-150 weighs 36 pounds and measures 23.5"H x 18"W x 12.1"D. Both are 8 ohms and are capable of handling 240 watts of continuous power. Monitor versions are also available.

The 380SD uses a 15" woofer, weighs 60 pounds and measures 26.8"H x 19.4"W x 15.4"D. It's 8 ohms and handles up to 360 watts.

SL-120	60TOSL12	**$239.00**
SL-150	60TOSL15	**$285.00**
380SD	60TO38SD	**$669.00**

Yamaha EM1620 Powered Mixer

The remarkably small and light EM1620 is perfect for small to medium reinforcement, church, school, or club applications. It produces a monaural power rating of 200 watts into a 4 ohm load or 120 watts into 8 ohms. The six input channels have Hi-Z (1/4" TS) and electronically balanced Lo-Z (XLR) inputs, 48 volt phantom power, effects and monitor sends, and a three band EQ. The master section includes the mono master, effects and monitor masters, and a seven band graphic EQ for feedback control and acoustic compensation. The internal side vented fan ensures cool and quiet operation even during all-day shows. The EM1620 is three rack units high and is only 13-5/8" deep. Distortion, response, and noise specs are solid.



EM1620	60YAEM1620	*MFR LIST*	**$799.00**

Call Bradley for a current price quotation.

Yamaha EMX Series Powered Mixers

EMX mixers are available in eight and twelve input versions. The high performance power amp sections provide up to 160 watts per channel (stereo) into 8 ohms. Each mixer input provides variable input attenuation, a three band EQ, two auxiliary sends, a pan control, and a linear fader. 48V phantom power is available on all inputs.

The master section contains the master faders and auxiliary sends, a stereo nine band graphic EQ, and a digital multi-effects processor with 15 top quality reverb, delay, and echo effects. All mixer, graphic EQ, effects processor, and power amp inputs and outputs appear on the rear. Large heat sinks and forced air cooling will let you run this mixer all day at a remote with no headaches.

EMX-2200	60YAEMX2200	*MFR LIST*	**$1999.00**
EMX-2300	60YAEMX2300	*MFR LIST*	**$2199.00**

Call Bradley for a current price quotation.

Make a note of our new address. We brought our service and engineering with us.

Ultimate Support Stands

Every good general needs support troops, and your audio equipment needs support, too. Bradley can quote the entire line of Ultimate products, including speaker stands, mic stands, lighting trees, and more. Popular models are listed here, but the list is long. Call us for details.

Ultimate TS-30T can be varied in height from 3'6" to 6'8", and will support up to 100 lbs. Bag included.

Silver	61USTS30T	**$89.00**
Black	61USTS30BT	**$99.00**

Ultimate TS-33T will extend to over 9' and support 100 pounds, yet it weighs only eight pounds! (pictured). Bag included.

Silver	61USTS33T	**$105.00**
Black	61USTS33BT	**$119.00**

Ultimate "Utilock" Tripod features a new locking system: heavy tripod loads can be raised safely into position by just one person because the tube locks into position each time it is raised and released. Lower the load slowly with the turn of a thumbscrew. Supports 100 lbs. The standard model raises to 6'8"; the large raises to 9'2". Bag included.

Standard Utilock, Silver	61USTS40T	**$99.00**
Standard Utilock, Black	61USTS40BT	**$129.00**
Large Utilock, Silver	61USTS44T	**$129.00**
Large Utilock, Black	61USTS44BT	**$139.00**

Accessories:

TAD-138 1-3/8" diameter tripod adapter is used with same sized sockets provided by Community, EV, Toa, and others.

61USTAD138 **$11.50**

BMB-200K attaches speakers with built-in threaded inserts spaced 4-3/8" to 6" apart, such as those provided by Bose. Mounting screws not included.

61USBMB200 **$19.00**

TMB-400K is a unique two part mounting system that consists of a thin plate (screwed to the bottom of the speaker) and a slide-in bracket (attached to the top of the tripod). Mounting screws included.

61USTMB400 **$22.00**

Whirlwind Cable Reels

Simple in design, durable and convenient, these reels make quick work of stowing your cables. For professional applications, they are a necessity, and are available in sizes to handle any job.

(1) WD-3S Capacity: 3675' of 1/4" OD cable.
61WHWD3S **$319.00**
(2) WD-3 Capacity: 2100' of 1/4" OD cable.
61WHWD3 **$295.00**
(3) WD-2 Capacity: 1640' of 1/4" OD cable.
61WHWD2 **$169.00**
(4) WD-1 Capacity: 640' of 1/4" OD cable.
61WHWD1 **$129.00**

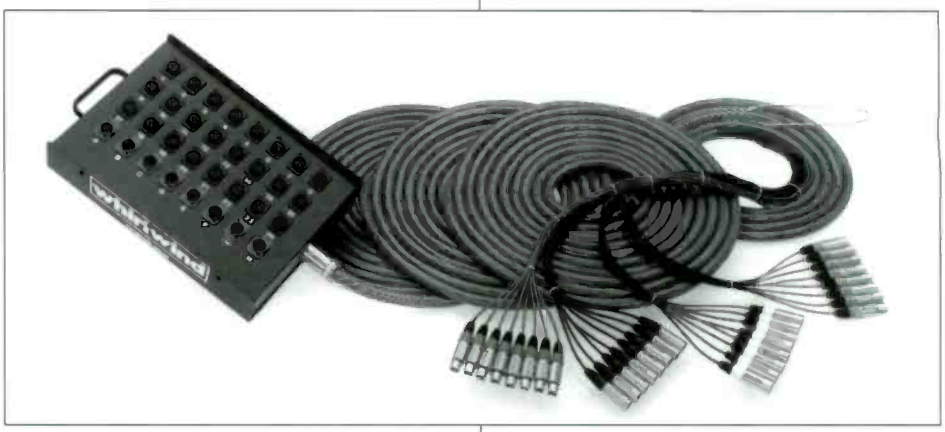
Note: Capacities for larger outer diameter cables sometimes cannot be computed accurately using the figures quoted for 1/4" cable. Call your Bradley professional for configuration assistance.

Shurtape Gaffer's Tape

This tape peels up quickly and cleanly after the gig, leaving no indication that you were there. It's useful for taping cables, carpets, scenery, and a million other jobs. A strong adhesive, which will stick to just about anything, coats the flexible fabric tape.

2" wide, grey 180' 61STGY2 **$13.50** per roll
2" wide, black 180' 61STBK2 **$13.50** per roll

SPECIAL!
Buy six rolls of Shurtape for only $64.80.



Whirlwind Medusa Multipair Systems

Each Medusa system features 100% foil shielding and numbered, color coded fan-outs for rapid, easy set up. Medusa systems are made of the finest components: heavy-gauge cold rolled steel boxes, thick jacketed ultra-flexible cable, mil-spec strain reliefs, premium grade PVC shrink tubing, and Whirlwind designed connectors. Medusa snakes are available in 6 to 52 channel configurations, plus specialized versions for multitrack recording systems and for powered mixers. Call Bradley for additional information and pricing on the wide variety of Medusa cables.

Standard Medusa Series

50' - 6 in, 3 out	61WHMS63XL50	**$155.00**
100' - 8 in, 4 out	61WHMS84XL100	**$239.00**
100' - 12 in, 4 out	61WHMS124XL10	**$285.00**
100' - 16 in, 4 out	61WHMS164XL10	**$345.00**
100' - 24 in, 8 out	61WHMS248XL10	**$539.00**

Medusa Power Series

Incorporates two runs of 14 gauge speaker wire built into, but totally shielded from, the mic and monitor lines that surround them. Ideal for use with powered mixers.

100' - 8 mics, 2 speaker, 1 monitor.
61WHMP8100 **$335.00**
100' - 12 mics, 2 speaker, 2 monitor.
61WHMP12100 **$445.00**

Medusa Cable Reels

A unique heavy duty steel windup storage caddy designed for Medusa systems.

Small capacity, 795' of 1/4" OD cable.
61WHMEDWHS **$115.00**
Large capacity, 1150' of 1/4" OD cable.
61WHMEDWHL **$139.00**

Sonic II Hearing Protectors

These protectors reduce the sound pressure level by 6dB without restricting your normal ability to hear the full audio spectrum of highs and lows. Packed in a plastic box with key chain attachment.

42NOSON2 **$6.95**

Also available:
Norton Noise Hushers are disposable ear plugs, made of foam rubber.
42NOD1 **99¢/pr**

Why waste time making snakes?
Call us at 1-800-732-7665.

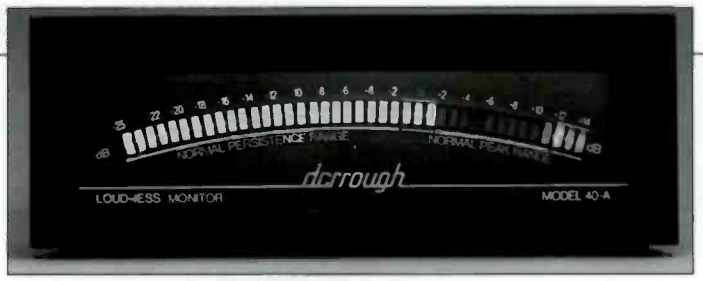
Dorrough Model 40-A Loudness Meter

Bradley Best Seller

The familiar arc of a Dorrough meter is a comforting sight to engineers around the world. The Dorrough Loudness Monitor uses a three color, 40 LED array with two simultaneous displays. A bar graph shows perceived loudness while a bright-dot display indicates electrical peak levels.

Display range is -25dB to +14dB (rel. to zero, which can be set from -30 to +20dBm). Input is screw terminal, direct coupled balanced bridging.

For dual (stereo) metering, use two 40-A meters and a dual rack kit. Call for information on versions with straight line LED's, two channels on one meter, or digital-reading AES/EBU models.



40-A	60DR40A	*MFR LIST*	**$475.00**
40-AP (with peak hold)	60DR40AP	*MFR LIST*	**$595.00**

Accessory:

Rack mount kits (3-1/2" high)			
For one meter	60DR40SR	*MFR LIST*	**$45.00**
For two meters	60DR40DR	*MFR LIST*	**$45.00**

Call Bradley for a current price quotation.

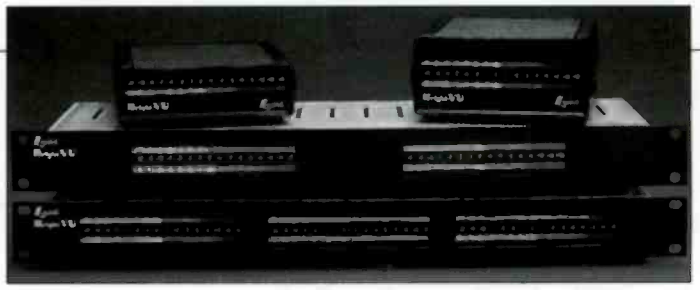
Dorrough 1200 Stereo Signal Test Set

Use the 1200 to measure level, crosstalk, balance, and phase with left, right, L/R and Sum/Diff modes. The unit includes two Dorrough Loudness Meters which indicate both peak and average levels on a single display. Front panel controls allow accurate measurement of signals in numerous ranges down as low as -76dBm. A modern version of the classic "gain set."

1200	60DR1200	*MFR LIST*	**$1650.00**

Call Bradley for a current price quotation.

Logitek Bright VU



Bright VU is a three color coded LED meter, visible across the room. It bridges onto any audio circuit via a balanced high impedance rear panel input. Sensitivity is adjustable to accommodate any system operating level from -20dBm to +20dBm.

Bright VU meters are ideal for level monitoring in control rooms where distances make even the largest standard VU meters difficult to read. Individual meter channels can be set to display either average (VU) or peak (PPM) levels. Available in complete, rack mounting sets that are one rack space high, or as individual meters.

Single stereo package	60LTBV2C	*MFR LIST*	**$545.00**
Dual stereo package	60LTBV4S	*MFR LIST*	**$795.00**
Triple stereo package	60LTBV6S	*MFR LIST*	**$995.00**
Mono meter in enclosure. Requires power supply.	60LTBVUM	*MFR LIST*	**$205.00**
Stereo meter in enclosure. Requires power supply.	60LTBVUS	*MFR LIST*	**$340.00**
Power supply for two mono or one stereo Bright VU.	60LTBVUPS	*MFR LIST*	**$50.00**

Call Bradley for a current price quotation.

Ask us about Super-VU with peak hold, image, and mono sum displays.

Denon AM/FM Tuner with RDS

NEW

Denon's classic tuner circuitry is now complemented with RDS technology. Any radio station or listener interested in the benefits of RDS needs this AM/FM unit.

The TU-380RD builds on excellent audio performance — stereo FM signal-to-noise of 78dB (A-weighted), response of 20Hz to 15kHz, stereo separation of 40dB at 1kHz — and adds RDS features including program service name (call letters or slogan), program type (the format), radio text (up to 64 characters programmed by the station, great for ads or announcements), traffic program ID, clock time, and more. With more and more radio stations now sending out the inaudible RDS info, these are powerful features. The unit can also tune to the type of format you wish to hear.

Other features include 40 station presets, auto FM presets, character input to title your presets, RF attenuator, and low impedance output. An AM loop antenna is included.

TU-380RD	60DETU380RD	*MFR LIST*	**$300.00**

Call Bradley for a current price quotation.

Toa DT-920 AM/FM Industrial Tuner

NEW

For commercial installations, background music, and the like, the new DT-920 is a fine AM/FM tuner with a mono output. Frequency synthesized digital tuning, automatic station scan, and 40 presets make your life easier. This tuner comes with an FM dipole and AM loop antenna.

The DT-920 occupies two rack spaces. The rack ears are purchased separately.

DT-920	60TODT920	*MFR LIST*	**$460.00**

Accessory:

Rack mount kit	60TOMBDT920	*MFR LIST*	**$74.00**

Call Bradley for a current price quotation.

Technics AM/FM Receivers

SA-GX190 Stereo Receiver

- New Class H+ amp circuitry
- 100 watts/channel into 8 ohms
- Wireless remote
- Four audio inputs
- 30 station AM/FM presets
- Motorized volume knob

SA-GX290

- 70 watts/channel
- Adds Dolby Pro Logic Surround
- Home Theater Mode (left/right/center/rear)

SA-GX690

- 100 watts/channel
- Handles low impedance speakers, switchable from front
- Sound field controls
- Help function
- Sub-woofer output

Need a receiver with Lucasfilm THX? Give us a call for the SA-TX1000.

SA-GX190	60TCSAGX190	*MFR LIST*	**$199.95**
SA-GX290	60TCSAGX290	*MFR LIST*	**$279.95**
SA-GX690	60TCSAGX690	*MFR LIST*	**$429.95**

Call Bradley for a current price quotation.

CircuitWerkes Listen Line Radio

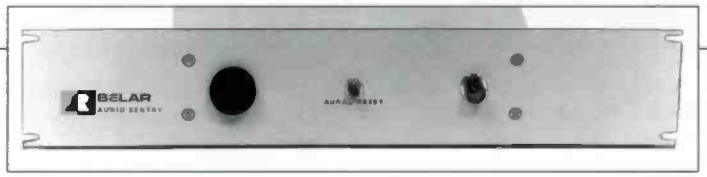
Would you like to listen to your stations in markets throughout the country, *and* their competitors, without leaving your desk? You can do REAL airchecks. Here's a tool for group PD's, consultants, and any other radio professional.

The TeleRadio installs at each station you wish to monitor. Then just dial it from any phone. The internal radio begins playing down the line so you can hear your station. Using DTMF tones, you can also check up on the other guys in the market on ten memory presets. Remote control scanning, tuning, AM/FM band change, and memory set are provided, and the unit resets to the first memory each time you call.

TeleRadio	60CTTELERADIO	*MFR LIST*	**$689.00**

Call Bradley for a current price quotation.

Belar AS-1 Audio Sentry



A silence sensor is an absolute necessity for unattended satellite or automation systems, or for AM/FM combo operations where only one station is monitored off the air. The AS-1 has both audible and visible alarms. A front panel push button lets you silence the aural alarm while you're troubleshooting, and rear panel connections also allow you to use an external alarm. Upon restoration of audio, the AS-1 automatically resets.

AS-1	60BLAS1	*MFR LIST*	**$295.00**

Call Bradley for a current price quotation.

Gentner Silence Sensor

On detecting silence, this unit activates an open collector output (capable of sinking 250mA, 48VDC, non-inductive). Simultaneously it starts a timer. At the end of the time period, a second open collector output and a relay closure are also activated. Use the first output for an alarm, and the second output for a second, louder alarm while the relay closure starts a backup tape machine. The timer's period is adjustable over a range of 0 to 99 seconds and then up to 99 minutes in one-minute increments. The Silence Sensor is ideal as a failsafe device when using a dial-up transmitter remote control such as the Gentner VRC-2000.

Silence Sensor	60GESS	*MFR LIST*	**$509.00**

Call Bradley for a current price quotation.

World Band Receivers

Something about world band listening brings out the little kid in us. These radios will make you want to hide under your blanket in the dark and eavesdrop on the BBC, Radio Moscow, and a smorgasbord of international broadcasts.

Sony's inexpensive **ICF-SW10** is a 12-ounce hand-held radio with analog tuning. Monitor nine SW bands plus LW, MW, and FM. It takes two "AA" cells.

Panasonic's **RF-B45** has convenient digital tuning and single side band capability so you can listen in on ham operators during natural disasters and weather emergencies. Pre-set up to 18 stations. A rugged, 1-1/2 pound receiver which can operate on four "AA" cells or optional adapter.

Fit the world in your shirt pocket with the miniature Sony **ICF-SW100S**. It's a small wonder: it weighs less than eight ounces, is under 5" wide, and handles SW, LW, MW, FM, and SSB. Fifty memory presets, 24 city name/time displays, FM stereo headphone jack, and synchronous detection are standard. Takes two "AA" cells.

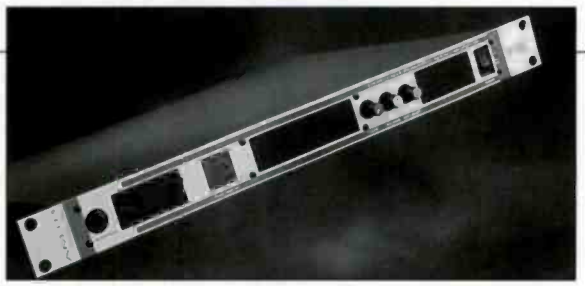
Sony's **ICF-SW55** is a favorite here, a beautiful and serious receiver. It comes preset with 20 stations, and will accept 125 presets! A minijack output allows tape recording. Clock/timer functions include alarm, sleep timer, world time scale, and more. It will run on four "AA" cells or the supplied multivoltage adapter. A carrying case and earphones are also included.

You supply the blanket.

Sony ICF-SW10	60SOICFSW10	**$59.95**
Sony ICF-SW100S	60SOICFSW100S	**$429.00**
Sony ICF-SW55	60SOICFSW55	**$399.00**
Panasonic RF-B45	60PARFB45	**$179.00**
AC Adapter for RF-B45	61PARP65	**$6.95**

AEQ AM-03 Powered Monitor

NEW



Monitor three separate devices with a flip of a switch with the AM-03. From AEQ comes this amplified stereo audio monitor with three selectable inputs, plus an LED display to monitor phase. Low frequencies share the mono center speaker; mids and highs are in stereo. You get a perfect stereo image sitting 12-40" in front of the AM-03.

Electronically balanced inputs (and a stereo output) are on XLR connectors. Magnetic shielding, limiter to protect speakers, and headphone connector are standard features in this single rack unit monitor. Response: 65Hz to 19kHz, distortion less than 0.1%.

AM-03	60AQAM03	*MFR LIST*	**$725.00**

Call Bradley for a current price quotation.

Wohler Powered Stereo Monitors

Wohlers are at work in production vans, cable facilities, teleconferencing, satellite links, you name it. They're rack mounted, magnetically shielded, powered stereo monitors.

The design of the AMP-1A (top) creates bass and treble response from below 100Hz to above 10kHz, at levels loud enough for a busy production room or mobile truck. Mids and highs are reproduced through the left and right speakers, while lows are combined into the center driver. The AMP-1A is only one rack unit high and 15" deep, including connectors.

For extended response and even more volume, the two rack unit AMP-2 (bottom) is your choice. It includes LED level meters with VU or PPM ballistics, and visual phase/polarity indication.

Models not already so equipped can be ordered with input switching, phase/polarity indicators, three-state level indications (off, on, over range), surround sound, output volume adjust, headphone output, and more. Call us for pricing.

AMP-1A	60WOAMP1A	*MFR LIST*	**$710.00**
AMP-2	60WOAMP2	*MFR LIST*	**$1085.00**

Options:

Digi-1 option card allows these models to receive input signals in the AES/EBU or S/PDIF digital audio formats. Format and sampling rate are sensed automatically. This version replaces the monitor's analog inputs; call for other configurations.

DIGI 1	60WODIGI1	*MFR LIST*	**$485.00**

Call Bradley for a current price quotation.

Fostex 6301B Powered Monitor

Bradley Best Seller

When a product is built so well, it's easy for us to recommend it heartily. This powered monitor provides surprising audio quality in the near field, and boy can it take a beating. Use one alone for mono, use two for stereo, and place them throughout your building as a house monitor system. We use them at trade shows. Keep a pair on your engineer's equipment shelf for special requirements; take them on remotes for use with your DJ mixer.

The 6301B accepts input levels as low as -10dBV. The 6301B has a 1/4" TS input. The 6301B/EAV adds an active balanced XLR input and special magnetic shielding, so it can be mounted adjacent to video monitors or other sensitive equipment without causing interference. Each speaker measures only 7-3/4" x 4-3/4" x 5". The 6301B puts out 10 watts RMS power and 80Hz to 13kHz response.

6301B	60FO6301	**$179.00 ea**
6301B/EAV	60FO6301X	**$199.00 ea**

Accessories:

Rack kit for single unit
61MA6301RM **$60.00**

Rack kit for two units
61MA6301RMD **$68.00**

Anchor Powered Monitors

Not only does this powered monitor work in a rack, but you can put it on a speaker stand to address groups of up to 300 people. The AN-1000X has superb audio performance. It features a 50 watt amplifier, matched two-way speaker system, RCA and 1/4" phone line-level inputs, a mic/line configurable XLR balanced input, and both line-level RCA and external speaker outputs. The AN-1001X is a companion, unpowered speaker with I/O parallel speaker connectors.

For simple and even more affordable performance, the AN-100 has a 25 watt amp, 1/4" phone mic and instrument inputs, plus two RCA line inputs. Like the AN-1000, it is magnetically shielded. Super for multimedia and other computer applications.

Anchor offers a variety of configuration options, including rack kits, speaker stands, and wireless mic versions. For more Anchor, see page 50.

AN-1000X	60AN1000X	*MFR LIST*	**$409.00 ea**
AN-1001X unpowered companion	60AN1001	*MFR LIST*	**$149.00 ea**
AN-100	60AN100	*MFR LIST*	**$185.00 ea**

Call Bradley for a current price quotation.

Accessories for all models listed:

Single Rackmount	60ANRM1	*MFR LIST*	**$55.00**
Dual Rackmount	60ANRM12	*MFR LIST*	**$63.00**

Auratone Speakers

For special monitoring, consider Auratone.

Auratone Sound Cubes have shielded drivers for solid performance. Portability and 35 watts nominal power handling make them a favorite for comparison and final mixes, auditioning, remotes, and as a reference standard speaker. Matching removable fabric grille included.

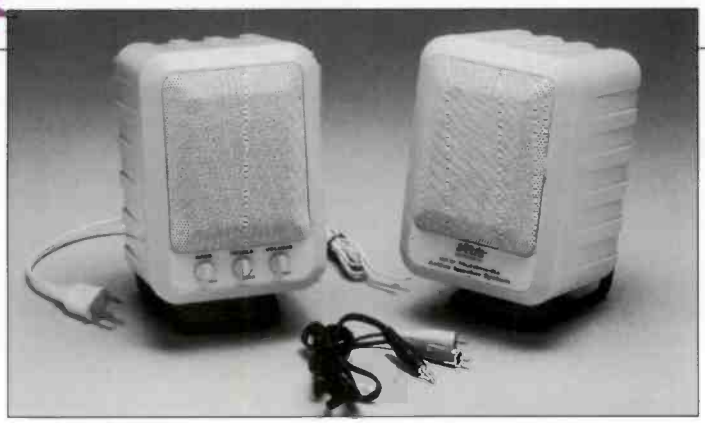
Or ponder the 5RMC. It's a unique monitoring system with three Auratone speakers in one compact enclosure. Only 5-1/4" high, it can sit on top of your console or, with optional ears, be rack mounted. Frequency response is 100Hz to 12.5kHz, ±3dB. Power handling is 40 watts for each speaker. Use it to simultaneously monitor the mono sum as well as left and right, or use them at the transmitter for AM and FM monitoring.

Sound Cubes, Walnut	60AA5C	**$125.00 pair**
Sound Cubes, Black	60AA5CB	**$125.00 pair**
Sound Cubes, White	60AA5CW	**$125.00 pair**
5RMC	60AA5MC	**$189.00 ea**
Accessory:		
Rack ears for 5RMC	60AA5MCR	**$9.95**

Call Bradley for a current price quotation.

Audio-technica Multimedia Speakers

NEW



The computer revolution is sweeping through pro sound and broadcast studios too. If you edit and create audio on screen, or do MIDI work, audio-technica offers you the MMS-557. No amp or outboard gear is required. These 20-watt speakers are magnetically shielded, so you can plop them beside a computer drive and monitor. The two-way woofer/tweeter design gives good sound quality on a tight budget.

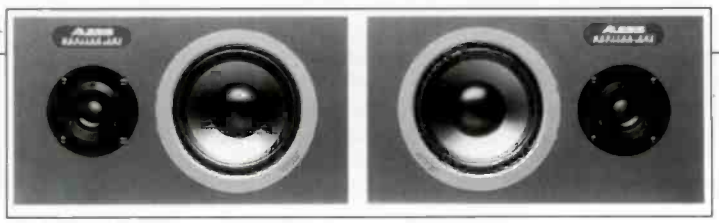
Response is spec'd at 80Hz to 20kHz. They plug directly into AC, with no batteries or adapters required. Dual line level inputs and removable desktop stands are provided, as is an adapting cable to go from 3.5mm stereo mini-plug to dual RCA plugs.

MMS-557	60ATMMS557	*MFR LIST*	**$149.95 pair**

Call Bradley for a current price quotation.

Alesis Monitor One

NEW



Keep an eye... and an ear... on Alesis. Their stable of professional audio products is growing. This year they give us the Monitor One, a studio reference monitor.

A soft dome silk tweeter is designed to sound more accurate and less tiring than metal domes. Special speaker venting provides substantial bass for a nearfield box. Overall it handles an impressive 120 watts of continuous power, 200 watts peak. Response is 45Hz to 18kHz, ±3dB. Five-way binding posts allow solid connection. They are 15" x 9-1/4" x 8-1/2", and weigh 15 pounds each. Nominal impedance is 4 ohms.

The unusual rubber textured laminate coat helps anchor the unit, and as the ads point out, it's fun to touch.

Monitor One	60AEMON1	*MFR LIST*	**$399.00 pair**

Call Bradley for a current price quotation

Tannoy Nearfield Monitors

From north of the border come these fine nearfield monitors, like a gulp of clean Canadian mountain water. The single point source design allows for accurate location of sounds within the stereo field. The System 6 NFM II has a 6.5" dual concentric wave guide; the compact design of the 22" high cabinet reduces sight line obstruction. The System 8 speaker uses an 8" dual concentric driver and adds some nice touches like woven internal wiring, gold-plated contacts, and HF rear cavity absorber. Response of both systems is at least 52Hz to 25kHz ±3dB. Designed for 20 to 120 watt amplifiers, the System 6 can handle 175 watts peak and the System 8 handles 200 watts peak.

If space is particularly tight, consider the PBM II Series. For example, the 12" high PBM 5 has a 5" woofer and 3/4" dome tweeter; the PBM 6.5 has a 6-1/2" woofer, and the PBM 8 has an 8", for extended frequency response. Speakers are gray; the black cloth grille is removable.

System 6 NFM II	60TAS6NFM	*MFR LIST*	**$795.00 pair**
System 8 NFM II	60TAS8NFM	*MFR LIST*	**$1295.00 pair**
PBM 5 II	60TAPBM5II	*MFR LIST*	**$350.00 pair**
PBM 6.5 II	60TAPBM65II	*MFR LIST*	**$450.00 pair**
PBM 8 II	60TAPBM8II	*MFR LIST*	**$795.00 pair**

Call Bradley for a current price quotation.

JBL 4200 Series Studio Monitors

With their curved baffles and sparkling clear audio, these speakers bring a new look and sound to console-top, near field monitoring. The Multi-Radial baffle optimizes stereo imaging between three and five feet from the speakers. Both the 1" titanium high frequency transducer and low frequency components are shielded for use next to video monitors and other sensitive equipment. Woofers are 6-1/2" on the 4206 and 8" on the 4208. The enclosures are covered with gray vinyl and the front baffles are injected molded polypropylene.

4206	60JB4206	*MFR LIST*	**$215.00 ea**
4208	60JB4208	*MFR LIST*	**$282.00 ea**

Call Bradley for a current price quotation.

Electro-Voice S-40 Compact Monitor

Tight spaces in trucks or crowded studios pose no problem to this wall mountable E-V nearfield. The S-40 features a 5-1/4" direct-radiating polypropylene woofer and a 1" ferro-cooled soft dome tweeter in a high-impact polystyrene enclosure that is only 9.8" x 7" x 5.9". The drivers produce smooth response and are video shielded. Long term power handling is rated at 160 watts; protection circuits prevent against accidental overload. Response: 85Hz to 20kHz.

The S-40 comes with threaded inserts for Omnimount Series 25 mounts; or use the optional "U" bracket for wall or ceiling installation.

S-40 Black	60ELS40	*MFR LIST*	**$300.00 pair**
S-40 White	60ELS40W	*MFR LIST*	**$300.00 pair**

Accessories:

Black U-type bracket
60ELS40MB *MFR LIST* **$31.50 pair**

White U-type bracket
60ELS40MBW *MFR LIST* **$31.50 pair**

Omnimount WBX Arm Mount
60OM25WBXBC **$36.00 each**
(order two WBX for a pair of speakers)

Call Bradley for a current price quotation.

Government Customers, ask for a copy of our GSA price list.

JBL Control Series Monitors

1. Control One

The Control One is a miniature two way loudspeaker system suited to broadcast and video work. It's made of a molded polypropylene material and uses magnetic shielding. High power handling capacity (150W, pink noise) and excellent audio quality (120Hz to 20kHz, ±3dB) make it suitable for demanding monitoring needs. Also suited to restaurants, AV, and other uses. Size: 9-1/4" x 6-1/4" x 5-5/8".

Control One	60JBCNTRL1	*MFR LIST*	**$266.00 pair**

Control One Plus

Identical in shape to the Control One, the Plus version offers even greater bandwidth and better bass response, and handles up to 160W. Produced in matched, mirror image pairs for superior stereo imaging.

Control One Plus	60JBCNTRL1P	*MFR LIST*	**$338.00 pair**

2. Control Five

The larger Control Five will handle up to 175W and provides 75Hz to 20kHz response. The system has a titanium dome tweeter and a 6-1/2" woofer. The dividing network uses protection circuitry against dangerous overloads. High quality components give excellent transient response. Impressive performance from a compact monitor. Mount with Omnimount 75 series or with MTC-53 for rack mounting.

Control Five	60JBCNTRL5	*MFR LIST*	**$458.00 pair**

Accessories:

MTC-2+ This Universal Mount with ball joint holds a single Control One or Control One Plus monitor on the wall or ceiling and lets you aim it.

60JBMTC2	*MFR LIST*	**$51.00 ea**

MTC-53 rack mount ear for a Control Five monitor. To mount one monitor, order two; to mount two monitors, order four.

60JBMTC53	*MFR LIST*	**$41.00 ea**

Call Bradley for a current price quotation.

JBL Monitor Speakers

The 4400 series continues the tradition of quality JBL has established in small studio monitors. They produce flat on-axis and smooth off-axis response, critical to accuracy. Careful attention is given to dividing networks so that undesirable interaction between drivers is negligible. The ribbed dome tweeters use a titanium diaphragm, and the mid- and low-frequency drivers use JBL's Symmetrical Field Geometry magnetic structure which is designed to reduce distortion components.

The **4408A** is a two way, 8" woofer system ideal for broadcast and general monitoring applications.

The **4410A** is a powerful three way, 10" woofer studio monitor that gives exceptional spatial detail because of its vertical, in-line driver array.

The **4412A** is a three way, 12" woofer studio monitor that has superior efficiency, greater power handling capacity, and extended bandwidth.

Power ratings with pink noise are 100, 125, and 150 watts, respectively. All provide at least 50Hz to 20kHz response, ±2dB.

We also carry UREI 809A Time Align monitors. Call us for pricing and specs.

Price shown is per speaker. Add R or L to part number to specify Right or Left when ordering.

(1) 4408A	60JB4408X	*MFR LIST*	**$333.00 ea**
(2) 4410A	60JB4410X	*MFR LIST*	**$462.00 ea**
(3) 4412A	60JB4412X	*MFR LIST*	**$693.00 ea**

Accessories:

Rack mount kit for one 4408

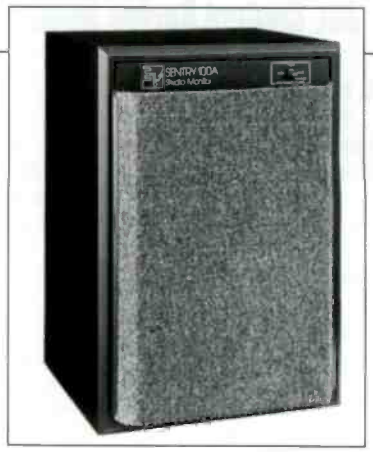
60JBMR4408	*MFR LIST*	**$36.00**

Call Bradley for a current price quotation.

Did you note our new address? Bradley Broadcast.
Where Service and Engineering STILL Make the Difference.

Electro-Voice Sentry Monitors

Bradley Best Seller



Always popular with our customers, the 100A monitor puts its SuperDome tweeter to the grindwheel and does the job. The Sentry 100A features an 8" woofer; the 1.5" tweeter handles up to 25 watts input power where most tweeters do about five. For 15 years it has been popular in broadcast and video production. Finished in black with a removable gray grille. Response: 45Hz - 18kHz.

The Sentry 100EL is a powered version with an internal 50 watt amplifier. Both XLR balanced and 1/4" phone unbalanced inputs are provided.

100A	60ELSEN100	*MFR LIST*	**$367.00 ea**
100EL	60ELSEN100EL	*MFR LIST*	**$780.00 ea**

Accessory:

Rack mount kit for Sentry 100A and 100EL

60ELSRB7	*MFR LIST*	**$40.50 ea**

Call Bradley for a current price quotation.

Yamaha NS-10M Studio Monitors

The NS-10M Studio is a familiar sight perched on top of major studio consoles. This Yamaha model has found wide acceptance as a production reference monitor. Its 7-1/2" woofer and 1-1/2" soft dome tweeter create surprisingly smooth 60Hz to 20kHz response, while giving the listener a good feel for how the material will sound when played on a more modest system.

NS-10M Studio	60YANS10MS	*MFR LIST*	**$538.00 pair**

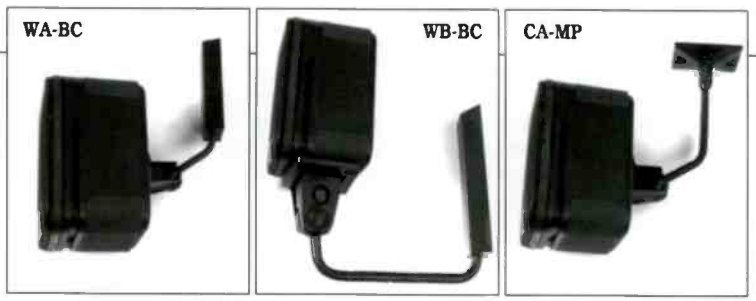
Also Available:

NS-10MC is a commercial version intended for installation. The cabinet accommodates several types of mounting brackets, and a black cloth grille is included. These have the identical performance of the studio version.

NS-10MC	60YANS10MC	*MFR LIST*	**$478.00 pair**

Call Bradley for a current price quotation.

Omnimount Universal Mounting Systems



Your Bradley professional can help you select the right Omnimount for the job of installing your monitors. They come in models to meet any installation requirement. The ball and clamp assembly enables full movement. Wiring can be hidden in the assembly for a dressed installation.

For tiny loads up to five pounds, choose the 25-WBX, suitable for putting nearfield monitors on racks or walls.

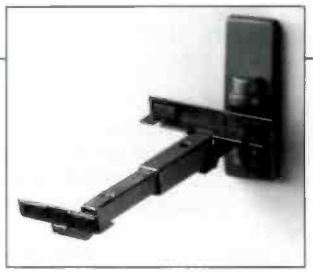
The 50 series holds up to 15 pounds, the 75 series is rated for 25 pounds, and the 100 series will hold 55 pounds. The WB-BC bottom mount has a double bend tube to hold the speaker from its bottom. The WA-BC is of similar design, but has a single bend tube to hold the device from the rear. Also available is the CA-MP ceiling mount, several other configurations, and series with greater load handling.

25 WBX	60OM25WBXBC	**$27.00**
50 WA-BC	60OM50WA	**$38.00**
50 WB-BC	60OM50WBBC	**$38.00**
50 CA-MP	60OM50CAMP	**$43.00**

75 WA-BC	60OM75WABC	**$57.00**
75 WB-BC	60OM75WBBC	**$57.00**
75 CA-MP	60OM75CAMP	**$57.00**
100 WA-BC	60OM100WA	**$68.00**
100 WB-BC	60OM100WB	**$68.00**
100 CA-MP	60OM100CAMP	**$68.00**

Air Monitors are found in our RF Equipment section.

Pivotelli Speaker Brackets



You'll know your gear is safe and solid with Pivotelli. They hold speakers weighing up to 44 pounds and between 4" and 10" deep. The speakers are clamped front and back, and, although screw holes are provided on the bottom of the bracket, screwing into most speakers is not required. Speakers can swing side to side and tilt up and down. The distance to the wall is also adjustable. Pivotelli brackets have a five year warranty, and come with hardware for installation into wooden wall studs, brick, or concrete.

60PVSS *MFR LIST* **$89.95 pair**

Call Bradley for a current price quotation.

Accessory:
Metal stud kit must be used for mounting on metal studs. Order two kits for each pair of brackets.

60PVMSKS *MFR LIST* **$10.00**

Carver Power Amplifiers

NEW

Carver amps carry a super five year warranty and are made here in the USA. All three models shown are rack mount, professional stereo power amps with independent channel controls and 1/4" TRS input jacks. The pm700 adds XLR inputs, and is fan cooled where the others use convection. All models can also operate in three mono modes: dual, bridged, and parallel. The input sensitivity is adjustable inside between 0.775V or 1.5V rms.

Response is 20Hz to 20kHz, ±0.75dB, with THD of better than 0.2%. Thermal shutdown design protects the circuitry from operating too hot. The pm125 occupies one rack space; the others take two.

Power figures shown below are continuous average output, both channels driven, into 8 ohms.

pm125	**50 watts**	60CVPM125	*MFR LIST*	**$520.00**
pm420	**135 watts**	60CVPM420	*MFR LIST*	**$695.00**
pm700	**225 watts**	60CVPM700	*MFR LIST*	**$895.00**

Other Carver models are also available.
Call Bradley for a current price quotation.

Crown D-75A & D-45 Power Amplifiers

Bradley Best Seller

Crown's classic power amp is better than ever, and now it has a little sister.

The D-75A pumps 40 watts into 8 ohms, 55 into 4 ohms, with low distortion and sonic accuracy. It features separate detented level controls for each channel, a new panel design, a front-panel headphone jack, barrier block outputs, and balanced combo XLR and 1/4" inputs, all in a single rack space. A distortion indicator alerts you in the unlikely event that distortion of any kind exceeds 0.05%.

The D-45 is a new, smaller amp, rated at 25 watts into 8 ohms, 35 into 4 ohms. It's identical to the D-75A except in power and price, and is suited to broadcast and recording nearfield monitoring, headphone amps, and small paging systems.

D-75A	60CR75	*MFR LIST*	**$625.00**
D-45	60CR45	*MFR LIST*	**$395.00**

Call Bradley for a current price quotation.

Symetrix 420 Power Amplifier

NEW

Symetrix improved its compact, feature-laden power amp and the result is the new 420. Hook it up to studio monitors, nearfields, multiple pairs of headphones, or small paging speakers. It's a single rack space two-channel amp, with XLR inputs paralleled with TRS 1/4" jacks, and screw terminal outputs. The 420 will drive up to 20 watts per channel stereo into a 4 or 8 ohm load, or 40 watts mono bridged. Typical distortion is less than 0.04%.

The mono sum feature lets you check compatibility of signals, or mix paging and music for commercial installations. Front controls include gangable independent level knobs, headphone jack with defeatable speaker mute, clip LEDs, and power switch.

420	60SY420	*MFR LIST*	**$369.00**

Call Bradley for a current price quotation.

Ashly SRA-120 Power Amplifier

You'll enjoy the heft and feel of this amp. The Ashly SRA-120 is suitable for bi-amplification or close-field monitoring. Delivering 60 watts per channel into 4 ohms (45 per channel into 8), the SRA-120 uses a complementary bipolar output section for low distortion and excellent overload characteristics. It features turn-on delay circuitry and instantaneous turn-off, for protection against speaker damage.

SRA-120	60ASSRA120	*MFR LIST*	**$429.99**

Call Bradley for a current price quotation.

U.S. Audio P-12 Power Amplifier

The P-12 works perfectly as a headphone monitor amp. Don't use a big beefy power amp when you can get something that does just what you need for less. With 12 watts per channel in stereo, it's more than enough to drive even the least efficient pro headphones. The front-panel headphone jack is next to a speaker on/off switch so you can also choose to drive a small pair of monitor speakers. A pair of LEDs will tell you if your signal is clipping.

P-12	60WHP12	*MFR LIST*	**$198.00**

Call Bradley for a current price quotation.

Stewart Half Rack Power Amplifiers

The entire chassis on these half-rack power amps serves as a heat sink and keeps them cool even when in constant use. The PA50B provides 25 watts per channel stereo into 8 ohms and 100 watts when bridged mono into 4; the PA100B and the PA200 will supply 50 watts and 200 watts respectively.

Specs rival much more expensive units, with response of 20Hz to 20kHz, ±0.5dB, S/N of 98dB, and distortion at 1kHz only 0.1%. Inputs are 1/4" balanced, level controls are tamper resistant screwdriver pots on the front panel. The PA200, based on the PA100B, features front panel knobs instead of screwdriver access, 1/4" phone output jacks, and a Stewart IEQ circuit.

Call Bradley for a current price quotation.

PA50B	60SEPA50B	*MFR LIST*	**$299.00**
PA100B	60SEPA100B	*MFR LIST*	**$399.00**
PA200	60SEPA200B	*MFR LIST*	**$429.00**

Accessories:

Single rack kit	60SERMK1	*MFR LIST*	**$20.00**
Dual rack kit	60SERMK2	*MFR LIST*	**$30.00**

Stewart PA Series Power Amplifiers

For higher power requirements, take a look at these Stewart amps.

The PA Series dual monaural amps have a radically new active power supply and full range dynamic power, and are bridgeable. The power supply recharges 120,000 times per second, a thousand times faster than conventional supplies, which translates into smaller components and remarkable efficiency.

Frequency response: 20Hz to 20khz, +0, -5dB, with THD of less than 0.1%. Input connectors are XLR, 1/4" TRS, and barrier strip; outputs are five-way binding posts. The PA-1000 occupies one rack space; the other models take two. All carry a five year warranty.

Power specs are with both channels driven continuously into 8 ohms. If bridged to mono and feeding 4 ohms, the model number is the power (PA-1000 provides 1000 watts, etc.).

Call Bradley for a current price quotation.

PA-1000 200 watts	60SEPA1000	*MFR LIST*	**$1099.00**
PA-1400 300 watts	60SEPA1400	*MFR LIST*	**$1399.00**
PA-1800 400 watts	60SEPA1800	*MFR LIST*	**$1699.00**

For more amps, see "Sound Reinforcement", page 49.

Rane HC6 Headphone Console

Bradley Best Seller

A master stereo input drives six independent stereo headphone amplifiers, which provide both front and rear panel 1/4" TRS outputs. Each amplifier also has a separate mono balanced/unbalanced input, allowing the HC6 to act as six independent amps. A front panel master level control and mono/stereo push button are also provided. Rack mount is standard.

HC6 60RNHC6 *MFR LIST* **$429.00**

Call Bradley for a current price quotation.

Stewart HDA-4 Headphone Distribution Amplifier

You get four stereo headphone channels at a great price with the HDA-4. Each of the individually controlled outputs delivers up to two watts per stereo channel, more than enough signal to override any acoustic leakage even when you're using open-air phones. You can also use the HDA-4 as a quality DA, routing one stereo or mono signal to up to eight power amps. A stereo/mono switch is provided; detachable rack ears are included.

It'll feed headphones of 8 ohms to 2,000 ohms. Response is 20Hz to 20kHz, ±0.5dB. Connectors are 1/4" TRS.

HDA-4 60SEHDA4 *MFR LIST* **$299.00**

Call Bradley for a current price quotation.

Symetrix SX204 Headphone Amplifier

The SX204 is a 1 in, 4 out stereo headphone amplifier in a half-rack design. Four independent stereo amps will drive even high-impedance headphones to maximum levels. Controls provided are master input level, stereo/mono switch, and individual level controls. Balanced or unbalanced inputs are on 1/4" TRS jacks, outputs also 1/4" TRS.

SX204 60SYSX204 *MFR LIST* **$299.00**

Accessory:

Rack mount kit for one or two SX series units.

60SYRM2 *MFR LIST* **$39.00**

Call Bradley for a current price quotation.

ATI HD1000 Headphone Amplifier

The HD1000 is a stand-alone headphone amp that serves as the heart of a comprehensive headphone distribution system. The HD1000 has a stereo line level input plus a front panel, panned mic input for paging and commentary. The two inputs may be mixed to drive the four headphone outputs, each with individual level control. Expansion outputs allow daisy chaining of any number of HD1000s or HD100 single amp modules. The HD100 module is compact and rugged for convenient installation anywhere.

HD1000 Mixer/Headphone Amp

60AIHD1000 *MFR LIST* **$479.00**

HD100 Single Headphone Amp Module

60AIHD100 *MFR LIST* **$199.00**

Accessories:

Rack mount for one HD1000

60AI20021 *MFR LIST* **$20.00**

Rack mount for two HD1000s

60AI20024 *MFR LIST* **$25.00**

Call Bradley for a current price quotation.

Benchmark Headphone Amplifiers

Benchmark might easily have invented the term "problem-solver." For example, the HPA-1 puts the monitoring right where you need it. You can use stereo headphone amps in your console, at your patch bay, in beltpack mic preamps, or anywhere. Capable of driving both low and high impedance headphones, the HPA-1 includes a gain pot adjustable from off to +18dB. Requires ±9 to ±22VDC bipolar power, from a supply like the optional PS-1.

For a self contained headphone amp, we offer the IFA-7. Separate left and right XLR inputs ease installation. Requires PS-1 power supply.

HPA-1 60BMHPA1 *MFR LIST* **$70.00**

IFA-7 60BMIFA7 *MFR LIST* **$195.00**

Accessory:

PS-1 power supply 60BMPS1 *MFR LIST* **$35.00**

Call Bradley for a current price quotation.

Sony Headphones

Bradley Best Seller

MDR-7506

Without a doubt our best selling headphone. Rugged, collapsible, and best of all, exceptional comfort and sound for your headphone money, with 10Hz to 20kHz response and 40mm driver. The closed ear design reduces external noise. Gold 1/8" plug with screw-on 1/4" adapter. 36 ohms.

60SOMDRV6 **$89.00**

MDR-7504

The MDR-7504 yields a 15Hz to 18kHz frequency response from its 40mm drivers. Folding construction for compact storage. 45 ohms.

60SOMDR7504 **$79.00**

MDR-7502 (not pictured)

A cost effective headphone with a 30mm driver and 60Hz to 16kHz response. 45 ohms.

60SOMDR7502 **$49.00**

Stanton 35M/HB

The 35M/HB is a single cup headphone with headband, used by DJ's in clubs or stations to monitor a mix or cue. Patented Samarium Cobalt driver produces accurate sound.

35M/HB 60ST35MHB *MFR LIST* **$79.00**

Call Bradley for a current price quotation.

For mic headsets, turn to page 31.

AKG K240M Headphones

This popular circumaural stereo headphone provides excellent directional sound perspective and distance discrimination, simulating hearing in natural room conditions. The patented design combines main transducers and 12 passive diaphragms, with crossover at 200Hz. Weighs 8-1/2 ounces. 600 ohms.

The DF model is a calibrated version, designed with a flat frequency response based on European requirements for a reference monitor headphone.

60AKK240 **$109.00**
60AKK240DF **$129.00**

AKG K270S Headphones

Lots of signal and heavy isolation are the trademarks of this upscale model. It just won't leak. Each earpiece uses two diaphragms in a parabolic curve to preserve the high end. A built in microswitch in the headband cuts the signal when you remove the set. to prevent feedback. Stereo phone plug, 9.5 ounces. 75 ohms.

60AKK270S **$155.00**

AKG K141/2 Headphones

The K141/2 is semi-open, featuring resonance-free characteristics but with freedom from low frequency side effects. The K141/2 provides a broad, flat response virtually free of coloration. It produces a warm, boomy sound, open and present without harshness. Lightweight and comfy, weighing only eight ounces. 600 ohms.

60AKK141 **$89.00**

Fostex T20RP

Absolutely one of the most comfortable phones you'll wear. A lightweight model providing superior reproduction using Fostex's RP technology. 50 ohms.

60FOT20 **$85.00**

Sennheiser HD340 Headphones

Wait until you clamp this top-of-the-line headphone on your noggin. Copper-coated aluminum voice coils follow the music more precisely than conventional coils. The open design of the outer covers gives tonal transparency. Sennheiser carefully matches the transducers in the headphones for the greatest consistency. An adjustable inner headband, soft earpads, and the single-sided cable entry make these very comfortable. 1/8" and 1/4" stereo phone connector provided. They weigh less than five ounces. Response: 16Hz to 23kHz, sensitivity 94dB. 100 ohms.

60SNHD340 **$119.00**

Sennheiser HD25-SP Headphones

Need Sennheiser parts? Call us.

For dramatic isolation from outside noise, wear the HD25-SP. High efficiency drivers, modular parts, and great specs: 16Hz to 22kHz response, 105dB sensitivity, weight only five ounces. 70 ohms.

60SNHD25SP **$109.00**

Sennheiser HD 320 Studio Headphones

The HD 320 offers full sized diaphragms, redesigned earcup, and a micro-adjustable inner headband for a more precise fit. Triple wound copper voice coils and neodymium-ferrous magnets produce excellent sound. The integral 10' cable terminates in a 1/8" stereo phone plug with 1/4" adapter. Weight: less than five ounces. 60 ohms.

60SNHD320 **$79.00**

Beyer DT 220 Headphones

These closed system headphones combine exceptional comfort, long lasting durability and superior intelligibility for critical monitoring. Frequency response of 20Hz to 20kHz and high SPL before distortion. 400 ohms.

60BEDT220 **$123.00**

Whirlwind Headphone Breakout Box

With two stereo inputs (for daisy chaining) wired to six resistor-bridged outputs, this passive headphone splitter is perfect for recording studio or remote applications where multiple headphones are used. Housed in a heavy gauge, cold rolled steel box, the Box uses locking 1/4" TRS jacks to prevent accidental disconnection.

Headphone Box 61WHBB **$109.00**

U.S. Audio Headphone Satellite Module

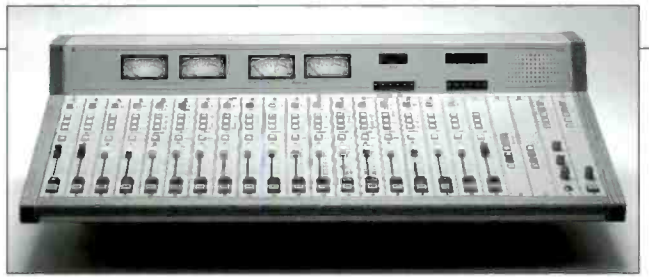
The U.S. Audio PHSAT Satellite Module accepts any stereo input and distributes it to either of two stereo outputs. It has parallel 1/4" TRS input/output connectors for daisy chaining as well as separate gain and pan controls and mono/stereo switching for two sets of two headphones. An optional mounting bracket will attach the PHSAT to a standard 5/8" thread mic stand.

PHSAT Satellite Module 60WHPHSAT *MFR LIST* **$149.00**
PHCLIP mic stand mount 60WHPHCLIP *MFR LIST* **$17.95**

Call Bradley for a current price quotation.

Audioarts R-60 Console

NEW



Exciting news from Audioarts for 1995: a modular, affordable, stereo on-air console. "Modular" really means it: all components are located on modules that can be pulled out while you're on the air; nothing is on a mother-board. Each input module provides two inputs.

Choose among mainframes loaded with 8, 12, or 18 modules. Each frame has extra slots for accessories or more inputs (with the right complement of options, an 18 frame will accept up to 50 inputs). Features include event timer, cue speaker, P&G faders, six-source input expander, start/stop machine control, studio talkback, and a preamp card for two mics. Separate modules for control room monitoring, studio monitoring, and output are provided.

Any R-60 can also be equipped with an optional "Simple Phone" module. Want to handle a phone segment? Hit the set-up button for a preliminary chat with the caller; then when it's time to go live or to record the call, just push channel ON to route both caller and talent to air or to your recorder. The module creates a mix-minus from any of its three bus select buttons.

R-60-18	60WSR6018	*MFR LIST*	**$9195.00**
R-60-12	60WSR6012	*MFR LIST*	**$6695.00**
R-60-8	60WSR608	*MFR LIST*	**$4695.00**

Call Bradley for a current price quotation.

Accessories:

IN-60 Input Module	60WSIN60	*MFR LIST*	**$495.00**
SP-60 Simple Phone Module	60WSSP60	*MFR LIST*	**$595.00**
DMP-60 Dual Mic Preamp Card	60WSDMP60	*MFR LIST*	**$275.00**
TR-60-FF 1 Set Full Function Tape Remote Controls	60WSTR60FF	*MFR LIST*	**$195.00**
TR-60-SS 3 Pairs "Start/Stop" Tape Remote Controls	60WSTR60SS	*MFR LIST*	**$195.00**
CF-60 Color Coded Fader Knobs (ships with white)	60WSCF60	*MFR LIST*	**$5.95**

Audioarts R-16 Console

NEW

Once upon a time, broadcasters wanted more from their consoles: more size, more inputs, more of everything. Now a station might want a console just to dub from a workstation, or as a live assist board, or in remote vehicles. "Make it small," they say, "but don't make it cheap."

We recommend the R-16. It has illuminated on/off switches and VU meters, conductive plastic faders, and socketed IC's. It comes with ten inputs, one per fader, and usually ships with two mic and eight line modules. But you can order any mix at the same price. For smaller studios, order the R-16/6 stuffed with six modules. The R-16 is a newly updated version of the popular R-10, and now includes room for an optional six-input expander and three tape utility modules.

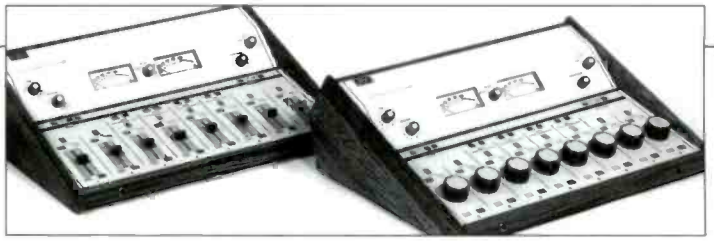
R-16	60WSR16	*MFR LIST*	**$3895.00**
R-16/6	60WSR166	*MFR LIST*	**$2695.00**

Call Bradley for a current price quotation.

Accessories:

LS-16 Expander	60WSLS16	*MFR LIST*	**$275.00**
TR-16 Tape Remote (Full Function)	60WSTR16FF	*MFR LIST*	**$195.00**
TR-16 Tape Remote (Start Stop)	60WSTR16SS	*MFR LIST*	**$195.00**

ATI Vanguard Console



ATI has always been in the vanguard when it comes to providing broadcast equipment values. Vanguard console audio is VCA controlled for clean, reliable performance. Nearly all switching control functions are handled by membrane switches which are raised, silent, and tactile. The control legends have color graphics behind a tough polycarbonate overlay. The front panel hinges for quick access to the plug-in amplifier modules and punch block audio connections. Vanguard consoles include dual stereo program outputs, each with a mono mix output, dual VU meters that are switchable between the program outputs, internal cue and headphone amps, two mic preamps with pan pots, and two muted monitor feeds.

Six channel consoles have ten inputs, eight channel consoles have twelve inputs and the twelve channel console has twenty four inputs. *Call for info on optional start/stop switches, extra mic preamps, and on-air light relays.*

6 channel, rotary	60AIBC6DSR	*MFR LIST*	**$3095.00**
6 channel, linear	60AIBC6DSL	*MFR LIST*	**$3095.00**
8 channel, rotary	60AIBC8DSR	*MFR LIST*	**$3595.00**
8 channel, linear	60AIBC8DSL	*MFR LIST*	**$3595.00**
12 channel, linear	60AIB12DSL	*MFR LIST*	**$5195.00**

Call Bradley for a current price quotation.

Broadcast Electronics AIR TRAK 90 Console

Like all B-E products, the AIR TRAK 90 delivers fine audio in a virtually indestructible frame. The tabletop design and hinged chassis allow quick access to all connections and components. Controls are arranged with crisp, clean graphics.

It comes in four sizes. VCAs on all audio controls and electronic switching contribute to the AIR TRAK 90's low noise. Every channel has three wide-ranging inputs that can be individually adjusted for mic or line level. The stereo program, audition, and auxiliary outputs each have a derived mono output. The program and audition outputs are operator selected; the auxiliary output is assigned by internal jumpers making it ideal for setting up a mix-minus for call-ins.

Other features include a versatile talkback system, "monitor dim" function allowing automatic dimming of monitors when a channel is in cue, clock timer module, and channel On/Off switches that follow input selection. High performance faders are standard and Penny & Giles faders are available at extra cost. For P&G faders, add "PG" to the part number. $50 per fader.

AIR TRAK 90 6 Fader	60BRAT9006	*MFR LIST*	**$5295.00**
AIR TRAK 90 12 Fader	60BRAT9012	*MFR LIST*	**$7295.00**
AIR TRAK 90 18 Fader	60BRAT9018	*MFR LIST*	**$9595.00**
AIR TRAK 90 24 Fader	60BRAT9024	*MFR LIST*	**$12,695.00**

Also available:

MIX TRAK 90 modular consoles offer uncompromised performance, flexibility, and dependability. Full configured MIX TRAK 90 consoles start at about $15,000. Call us for details.

Call Bradley for a current price quotation.

Comrex Talk Console

Got a host? Got some phone lines? Add the Comrex Talk Console and you're ready to produce call-in programming anywhere. It includes two phone line inputs with self-adjusting hybrids and a dial pad, two mic inputs and two headphone outputs for use by the host and his/her guest, and a line level input for a tape deck or other source. Features include a phone line cue mode so the host can talk with a caller off air, and remote contact closures for profanity delays or tape machine start. This compact (13"W x 9-1/2"D x 3-1/2"H) package is ideal for remote talk show broadcasts, news room interviews, and other call-in applications. In remote use, the Talk Console's performance can be enhanced using Comrex Frequency Extenders, found in our Field Production section.

Talk Console	60CCTC	*MFR LIST*	**$2995.00**

Call Bradley for a current price quotation.

Tascam M-2600 Series Consoles

NEW

The new Tascam M-2600 Series eight group consoles are built for recording, with eight AUX sends, separate stereo cue send from channel and monitor, and six stereo returns with full assignment. Features include low noise audiophile mic/line preamps, a stereo L/R bus, and a four-band EQ section that gives you the ability to assign either the shelving EQ, sweep EQ, or all of the EQ to either the channel or the monitor signal path. The FLIP feature helps eliminate the need for patching and repatching: when mixdown time comes, press FLIP to assign the tape returns to the linear faders and the mic/line inputs to the monitor. This also effectively doubles the number of inputs at mixdown.

A powerful AUX section, comprehensive Master section, direct out switches on all channels, and phantom power are also built in. This board comes in 32, 24, and 16 input models. Call us to learn more about the new M-2600.

M-2600/32	60TEM260032	*MFR LIST*	**$4699.00**
M-2600/24	60TEM260024	*MFR LIST*	**$3799.00**
M-2600/16	60TEM260016	*MFR LIST*	**$2999.00**

Call Bradley for a current price quotation.

Mackie Designs MS1202 Mixer

Mackie calls it a chip off the old block. The "old block" is the CR-1604 (see page 70); the "chip" is a tiny powerhouse: the MS1202, a 12-channel audio mixer with the same impressive specs as its big brother, and a price that is... well, just look at it.

Channels 1-4 have XLR mic inputs and 1/4" TS line inputs while channels 5-12 have 1/4" TRS line inputs configured in four stereo pairs. Input channels have center detent gain and pan controls, two aux sends, channel patching, and a two-band EQ. The master section includes two stereo aux returns, headphone level control, RCA phono jack tape inputs and outputs, and a switchable LED meter display that shows output, mic bus, or line bus level. The power supply is built in. Mount the 1202 in six rack spaces with the optional Dumbo ears.

MicroSeries 1202	60MD1202	*MFR LIST*	**$399.00**
Dumbo Ears	60MDDUMBO	*MFR LIST*	**$12.00**
Kaces Soft Carrying Case	40KEKB22	*MFR LIST*	**$22.50**

Call Bradley for a current price quotation.

Mackie 8•BUS Series Consoles

For recording and PA use, here is the 8-BUS series, available in 16, 24, and 32 channel versions; the number of inputs can be doubled for mixdown thanks to the MIX-B feature. All channels have high headroom mic preamps.

Features include +48V phantom power, four-band EQ, six stereo assignable AUX returns, stereo solo, and talkback with mic. Two assignable headphone monitoring systems allow you to build custom ear mixes for the talent and the operator. All channels provide patching, direct out, tape returns, balanced mic inputs (XLR), and balanced line inputs (1/4"); the console has balanced XLR's on the main L/R output. The power supply is rack mountable.

Distortion is below 0.025%, response is 20Hz-40kHz ±1dB. Maximum gain from mic to balanced main out is +80dB. That performance is suitable for today's digital sources.

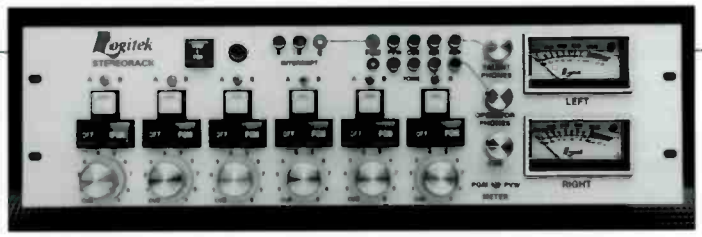
An optional tiltable meter bridge provides ladder LED's for each input channel and VU meters for the main outputs. We can also provide pricing on metal stands and a "side car" with rack space for power supplies, patch bays, and more.

32-8 32x8x2	60MD328	*MFR LIST*	**$4995.00**
24-8 24x8x2	60MD248	*MFR LIST*	**$3995.00**
16-8 16x8x2	60MD168	*MFR LIST*	**$3195.00**

MB32 Meter Bridge for 32-8	60MDMB32	*MFR LIST*	**$895.00**
MB24 Meter Bridge for 24-8	60MDMB24	*MFR LIST*	**$795.00**
MB16 Meter Bridge for 16-8	60MDMB16	*MFR LIST*	**$695.00**

Call Bradley for a current price quotation.

Logitek Stereorack Console



The Stereorack is a stereo console in a standard 19" rack mount. Each of the six channels has a two position input preselect and a pan/balance control. Seven internal mic preamps are hard wire assignable on the rear panel, and each of the two output busses has its own stereo, four output distribution amplifier. Two headphone systems each have independent 5 x 1 source switching, and the talent system provides for separate IFB-style interrupts for three headsets. The Stereorack provides logic for the remote start of machines and for accepting remotely generated channel commands.

The unique Logitek "swap" key can automatically interchange all selected program and audition assignments. This is useful for sports and election coverage because it allows salvo switching of an entire mix. A virtual mono mix-minus bus allows the Stereorack to handle telephone talk applications without tying up the audition bus. Connections are made with wire clamping terminal blocks, except for logic connections, which are on 37-pin "D" connectors. Noise is down at least 76dB from a +4dBm reference, with over 18dB of headroom and THD under 0.05%.

Logitek Stereorack	60LTSR	*MFR LIST*	**$3900.00**

Also available:

Audiorack—A monaural version of the Stereorack offering the same features.

	60LTAR	*MFR LIST*	**$2990.00**

Call Bradley for a current price quotation.

Yamaha ProMix 01

NEW

Until now, the way to store your mixer settings was with marker pen and masking tape. The ProMix 01 changes that with a snapshot library of your settings. Just push a button and the motorized faders jump into place, along with your EQ settings, channel on/off switches, and send levels. With the ProMix 01 you can now mix, recall favorite settings, and dub digitally with 20-bit clarity to DAT or another digital medium. It's a hit in studio, live sound, church, and broadcast facilities. When you call Bradley for a price quote, you'll know why.

ProMix 01 provides 16 mic/line input channels plus one stereo input. Further, this mixer has a LOT of feature power. Two internal digital effect processors, three assignable stereo compressors, and three-band parametric EQ on every channel are all provided. A stereo "pair" function allows changes in a left channel, such as EQ and gain, to be mirrored in the right. Dynamic automation lets you create your moves in real time and play them back in conjunction with an outboard MIDI sequencer.

Use the parameter control wheel and familiar cursor keys to set EQ and other functions on the built-in LCD screen.

Inputs 1-8 are mic/line, +4dBm, balanced, on XLR, with phantom power. Inputs 9-16 are mic/line, +4dBm, balanced, on 1/4" TRS. Inputs 17/18 form a stereo input, +4dBm, unbalanced, on 1/4" TRS. Both analog and S/PDIF digital outputs are provided. This is a sophisticated mixer that does even more. Call us for the details.

ProMix 01	60YAPM01	*MFR LIST*	**$1999.00**
Rack Mount Kit	60YARK01	*MFR LIST*	**$29.95**
Wood Side Panels	60YAW01SP	*MFR LIST*	**$99.95**

Call Bradley for a current price quotation.

Radio Systems RS Series Console

Instead of lift-out modules, the RS Series console provides a single lift-up lid for fast, convenient access to the electronics. This is an elegant console in a medium price range. It provides two inputs per channel, event timer, DC control, P&G faders, illuminated on/off switches, and separate metering for program, audition, and mono busses. Talkback ability, cue speaker, and headphone jack are provided. Every input handles mic, consumer, or line-level sources; each can also be programmed for all muting, remote start, and logic functions. That means full flexibility in how you set up your studio.

I/O connectors are fast push-on type, switches and pots are connectorized for fast replacement. A series of useful options is available for these consoles including copy stands, relay and opto-isolated remote start interface, DA card, multiple mix-minus circuits, input expander card, and more.

The RS Series is available in six, 12, 18 and 24 channel versions. To find out more, call your Bradley representative today.

RS-6	60RS6	*MFR LIST*	**$4795.00**
RS-12	60RS12	*MFR LIST*	**$6795.00**
RS-18	60RS18	*MFR LIST*	**$9895.00**
RS-24	60RS24	*MFR LIST*	**$12,995.00**

Call Bradley for a current price quotation.

Soundcraft Folio Portable Mixer

Take Soundcraft quality on the road. This is a portable mixer with phantom 48V power, two aux sends (one of which is selectable pre- or post-fader), and a handle/desk support. Carry it like a briefcase. Features include two stereo inputs with two-band EQ, 60mm linear faders, pre-fade listen, three-band EQ and high-pass filters on mono inputs, and inserts on main outputs. The XLR mic and 1/4" line connectors handle balanced and unbalanced sources. Mono channels include both mic and line connectors; stereo channels are switchable +4 or -10. Outputs are impedance balanced, on 1/4" connectors.

Great specs for a small board: 108dB dynamic range, 0.005% distortion, noise below -83dBU, and exceptional response. All models include standard L&R output faders. AC power supply is included.

Folio 10 channel (6 mono, 2 stereo)	60SFRW1450	**$419.00**
Folio 12 channel (8 mono, 2 stereo)	60SFRW1454	**$599.00**
Folio 12 channel (plus rackmount)	60SFRW1461	**$599.00**

Soundcraft Spirit Folio Rac Pac

NEW

For recording, especially for 4 or 8 tracks... for PA mixing... for submixing... take a peek at the Rac Pac rack mountable mixer. Soundcraft equips it with 10 mono inputs, two stereo inputs (for up to 28 inputs at mixdown), and four subgroups. The Rac Pac occupies only eight rack spaces. The connector panel can be rotated to the rear or underside.

You get direct outputs on each mono channel for recording direct to multitrack, inserts on all mono channels and mix outputs, three band EQ, six aux sends, four stereo returns plus two stereo effects returns, and a high pass filter.

Rac Pac	60SFRW5141	*MFR LIST*	**$1099.95**

Call Bradley for a current price quotation.

Soundcraft Delta DLX Mixing Console

The Delta DLX is a multipurpose, modular, compact mixer for recording or live work. It comes in eight, 16, 24, and 32 channel mainframes; all have four busses.*

Basic pricing includes DLX Mono Input modules and four Subgroup modules. Each Mono Input module has an input attenuator for mic and line, quiet padless mic preamp, 48V phantom, three-band EQ with sweepable high- and low-midrange, phase reversal, a high-pass filter, and six discrete aux sends. Talkback, 100mm faders, and 1kHz oscillator are standard on the Delta DLX.

The Subgroup module features two mono returns with two-band EQ and a bar graph meter.

We can quote the DLX in the configuration you need. An optional Stereo Input module, for sources like CD players and cart machines, handles one stereo line input with six aux sends; an optional Dual Line Input module accepts two mono line-level sources and provides four aux. An active pan-pot design provides a range of stereo spread. Phase reverse and 100Hz high-pass filters are also provided.

Other options include P&G faders, mic input transformers, RIAA preamp, output transformers, and floorstand.

Need eight busses? Ask us about the Soundcraft Delta 8.

Pre-loaded DLX Consoles:

DLX 8 channel console	60SFRW1381	*MFR LIST*	**$4490.00**
DLX 8 channel console, rack mountable	60SFRW1382	*MFR LIST*	**$4490.00**
DLX 16 channel console	60SFRW1383	*MFR LIST*	**$6950.00**
DLX 24 channel console	60SFRW1384	*MFR LIST*	**$9450.00**
DLX 32 channel console	60SFRW1385	*MFR LIST*	**$11,950.00**

Call Bradley for a current price quotation.

Broadcast, church, theater, live sound, video editing...
Soundcraft has your mixer. Call us.

Henry Engineering Fast Trac II

This is a voice-over audio workstation, a small console in a single rack space that can handle a range of special studio tasks. Use it to mix a voice input over any of six line inputs (including one with a front-panel connector for easily patching in your portable gear). Or do dubs: a unique machine control function will start both the source deck and the recorder at the appropriate times to assure consistent dubbing. Features include gain and balance control, processing loops, stereo/mono operation, and defeatable mic ducking. Uses "D" connectors, supplied.

Fast Trac II	60HEFT2	*MFR LIST*	**$1595.00**

Call Bradley for a current price quotation.

Mackie Designs CR-1604 Mixer

Bradley Best Seller

Few products make as noticeable an impression as this 16 input, stereo output mixer did in the past year. Broadcast stations began to discover that Mackie mic/line mixers are an extraordinary value.

Thanks to its rotating I/O pod, the CR-1604 can be put in a rack or on a tabletop, connectors facing back. With the optional RotoPod, the connectors can face forward.

Mic preamps are recording-studio grade, with THD of 0.005%. Channels 1 through 6 have XLR mic inputs with phantom power, and all channels have a three-band EQ and six aux sends.

Other features include four stereo effects returns and an alternate stereo mix output. Other specs: dynamic range of 108dB and an internal S/N ratio of 116dB.

Available options include the XLR10, which adds 10 more phantom powered mic preamps, and the MixerMixer, an active combiner that allows up to three CR-1604s to be used as a "single" mixer. MIDI users, take note: you can order the CR-1604 with optional "OTTO" internal MIDI automation, providing control over all input faders, master faders, muting, and more. (If you already have a CR-1604, call us for an add-on kit.)

CR-1604	60MDCR1604	*MFR LIST*	**$1099.00**
CR-1604 with MIDI	60MDOOB1604	*MFR LIST*	**$1998.00**

Accessories:

XLR10	60MDXLR10	*MFR LIST*	**$199.00**
MixerMixer	60MDMM	*MFR LIST*	**$229.00**
Rotopod	60MDRP	*MFR LIST*	**$25.00**

Call Bradley for a current price quotation.

Broadcast Tools Console Controller II

NEW

Ease your Mackie mixer or digital workstation into your broadcast studio with the Console Controller II. It's a low-profile, desktop device equipped with three channels of insert switching. Console insert points or source equipment (mic-preamps) may be turned off or on, as indicated by a red LED on each switch. The CCII also gives you a front panel switch to allow internal/external monitor input switching or monitor amp mute control, and front panel monitor level control.

For more than three channel inserts, multiple CCII's can be cascaded. Audio connectors are TRS 1/4" jacks, remote control is on a DB-9 (control, tally, and warning light/skimmer), and switches are SPST momentary.

Console Controller II	60BTCCII	*MFR LIST*	**$299.00**

Call Bradley for a current price quotation.

Ramsa WR-133 Mixer

The briefcase styling of the WR-133 8x2 mixer makes it handy on the road. It provides mic or line inputs on each channel, and has phono preamps to allow two turntables to be connected via inputs 1 through 4. Each input section features dual band shelving EQ, monitor and effects sends, pan pot, and peak LED. The output section has a mono out, master effects and monitor out controls, and stereo record outputs via XLR, 1/4" TRS, and RCA phono jacks.

Ramsa WR-133	60PAWR133	*MFR LIST*	**$1470.00**

Accessory:

Rack Mount Kit	60PAWRQ51	*MFR LIST*	**$100.00**

Call Bradley for a current price quotation.

Audio Technica AT-MX341 SmartMixer

When everyone is sitting around the conference table or the talk show studio, trying to talk at once, you'll appreciate the SmartMixer. It's a programmable automatic mic mixer with four channels. Set the mixer one of three ways: With all DIP switches down, the SmartMixer only allows the first voice to pass, overriding the other channels until the speaker is done. With one or more switches up, those voices can cut in at any time over the other channels. With all switches up, all mics are given equal priority.

Each channel has its own gain control. Switching is instant and silent. Phantom power is provided for condenser microphones, and a TTL output lets the mixer control speaker or tally light switching. Any number of mixers can be chained. Two SmartMixers mount side-by-side in a single rack space with an optional hardware kit. Connectors are XLR; inputs will accept up to -16 dBm.

Need a good mic for use with the SmartMixer? We recommend audio-technica's A851a boundary mic.

Call Bradley for a current price quotation.

AT-MX341	60ATMX341	*MFR LIST*	**$799.00**
AT851a Mic	60AT851A	*MFR LIST*	**$285.00**

Accessory:

AT8628 Double Rackmount Joining Plate	60AT8628	*MFR LIST*	**$24.00**

Yamaha MC04II Console

Yamaha's MC04II is great for both installed and portable live audio productions. Choose from four models with 12, 16, 24, or 32 inputs.

The MC04II consoles offer four primary mix groups plus stereo and four auxiliary send busses. The four-band equalizer section has variable frequency on both mid-bands and a switchable 80Hz high-pass filter. All channels include XLR and 1/4" TRS inputs as well as 48-volt phantom power. Channel insert points operate at 0dbm to facilitate gain matching with external processors. The two stereo auxiliary returns each use a pair of 1/4" TS jacks. A similarly featured pair of tape inputs using RCA jacks is included to accommodate inputs from a variety of playback sources.

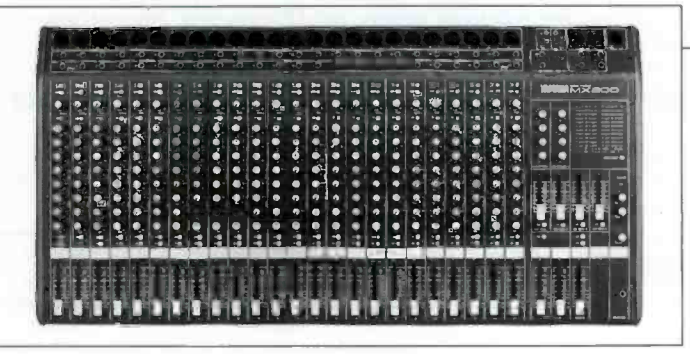
Sound system designers and engineers will especially appreciate the addition of two mix matrices. Mix matrix allows the engineer to create a separate blend of the sub-groups and the stereo busses. Cue facilities, a talkback system, and control-room monitor outputs are provided. Eight VU meters (with LED peak indicators) are used to monitor groups, aux sends, stereo, cue, and matrix outputs.

12 Channel	60YAMC1204II	*MFR LIST*	**$3359.00**
16 Channel	60YAMC1604II	*MFR LIST*	**$3899.00**
24 Channel	60YAMC2404II	*MFR LIST*	**$4799.00**
32 Channel	60YAMC3204II	*MFR LIST*	**$5999.00**

Call Bradley for a current price quotation.

Yamaha MX200 Stereo Mixer

NEW



Brand new from Yamaha is the MX200 Stereo Mixer. Available in four sizes, all with stereo and mono output busses, it will handle a wide range of mixing needs at a surprising price.

All input channels have switchable "A" and "B" inputs: the "A" inputs are balanced XLR with phantom power, the "B" inputs are balanced TRS phone jacks that also accept unbalanced signals. Insert patch points let you add signal processing to any channel. A -20dB input pad and -16 to -60dB rotary gain control let you match levels with virtually any input source, and a switchable 80Hz high-pass filter cuts out hum and rumble.

Three band EQ, four aux sends, pan pots, on/off switches, and pre-fader listen are provided. Four switchable LED bargraphs monitor all major bus signals with peak-reading accuracy. Independent master faders control the left and right stereo busses, as well as the mono bus.

MX200-8	60YAMX2008	*MFR LIST*	**$749.00**
MX200-12	60YAMX20012	*MFR LIST*	**$949.00**

Call Bradley for a current price quotation.

MX200-16	60YAMX20016	*MFR LIST*	**$1099.00**
MX200-24	60YAMX20024	*MFR LIST*	**$1499.00**

Tascam MM-100 & MM-200 Rack Mount Mixers

When you need to control stereo sources with a rack mount mixer, turn to these Tascam models. Both have eight stereo inputs with four effects sends. Each channel has linear faders and two-band EQ, and both provide four stereo effects returns to work with the latest signal processors. A master output switch shuts off the main output to allow private monitoring.

Extra features of the MM-200 include balance/pan on the effects returns, switchable stereo/mono effects sends, enhanced high frequency definition, and a MIDI patching system that provides a choice of four MIDI inputs which can then be routed through any of eight thrus, so you don't need a separate MIDI patch bay. A leading value.

MM-100	60TEMM100	*MFR LIST*	**$649.00**
MM-200	60TEMM200	*MFR LIST*	**$849.00**

Call Bradley for a current price quotation.

Tascam M-108 Mixer

The smallest of Tascam's four-bus recording mixers is a natural for use with any multitrack recorder of eight inputs or less. The M-108 is an affordable addition to any small studio. It has 12 input channels (eight mono, two stereo), four output busses, and eight tape returns. It features high and low band EQ, two effects busses, and a selectable aux bus which can be used for either tape monitoring or as a pre-fader send.

M-108	60TEM108	*MFR LIST*	**$849.00**

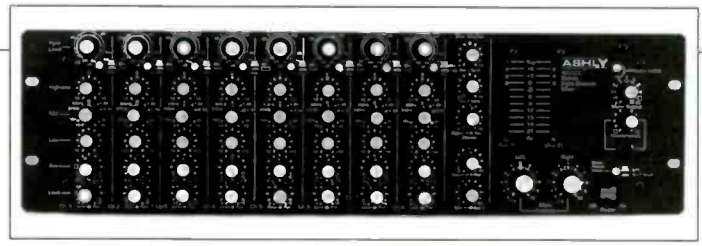
Call Bradley for a current price quotation.

Ashly Mixers

For remote vehicles, meeting rooms, and scores of other applications, the MM-508 offers low noise and distortion and rugged construction. Ashly's five year warranty is your assurance of reliable performance. It's an eight input, stereo output mixer in a three rack unit chassis. Each input has XLR mic and 1/4" TRS line connections, input level trim with clipping indicator, three-band EQ with sweepable mid, two auxiliary sends, and channel patching. The mixer also provides a stereo input on RCA jacks for a tape player or CD.

Ports include a stereo, +24dBm transformer balanced output on XLR's, a balanced stereo output on 1/4" TRS, an independent mono output, a tape output on RCA jacks, and headphone. The master section has pre-master sub in/out patches, two aux sends and returns, and LED metering. Phantom power is available for the mic inputs.

MM-508	60ASMM508	*MFR LIST*	**$1199.00**



Also Available:

LM-308—An eight channel line mixer with stereo, unbalanced, line level inputs and outputs. Inputs 1 and 2 may be switched to accept mic level. One rack unit high.

LM-308	60ASLM308	*MFR LIST*	**$399.00**

MM-106—A six channel mic mixer, featuring 84dB of gain between the channel input and program sections to ensure full output with low level or distant mics.

MM-106	60ASMM106	*MFR LIST*	**$499.00**

Call Bradley for a current price quotation.

Rane SM-82 Stereo Line Mixer

Outgrown your console? You can expand it with the SM-82. Rane packs eight stereo (or 16 mono) inputs into the single rack unit chassis. Each input channel has a rotary input level control, aux send slider, and balance slider. The aux return and master output sections each have both level and balance controls. Unbalanced 1/4" inputs accept levels from -10dBV to +26dBm. When a source is connected to the left channel and the right connector is unused, the signal is routed to both channels. Expansion jacks allow linking of two units.

SM-82	60RNSM82	*MFR LIST*	**$599.00**

Call Bradley for a current price quotation.

Rane SM-26B Splitter/Mixer

This is an unusual product, so listen closely: in its basic configuration, it's a six-to-two line level mixer, accepting six balanced or unbalanced line level inputs which are applied to six Level and Pan controls. An added master stereo input brings the total inputs to eight. The mix is sent to left and right output jacks.

It's also a splitter: it can take one or two line level inputs, and split these to any of the six mono outputs on the rear. In this mode you can control the level from each input bus to each output.

It is also a six in, six out buffer amp, and a -10 to +4 shifter. The SM-26B may also be used in a combination of modes. Example: inputs 1 through 3 are mixed to the left and/or right output busses, while outputs 4 and 5 are delivering signal originally applied to the left and right master inputs, and output 6 is driven from input 6, straight through. Whew.

The SM-26B now features fully balanced outputs: All ins and outs are 1/4" TRS active balanced.

SM-26B	60RNSM26	*MFR LIST*	**$379.00**

Call Bradley for a current quotation.

ATI Nanoamp Mic/Line Mixer

Build your own mixer setup with Nanoamp products, compact and convenient. The MX100 three-input mic/line mixer and its companion XP100 four-input expander provide big-mixer specs: 0.1% distortion, ±0.25 dB response from 20Hz-20kHz, and plenty of mic gain. Models shown have XLR inputs and outputs; we can also quote 1/4" TRS. The expander includes DC and audio connection cables.

Features include independent level sets, master gain, adjustable headphone output, phantom mic power, balanced inputs, and metered output for balanced or unbalanced lines. Install in a rack with optional hardware, up to three across; various rack and desk mount kits are available.

Order the external AC/DC wall supply separately. An optional external battery pack runs an MX100 for three hours.

MX100-XLR Mic/Line Mixer (with XLR I/O)			
	60AIMX100XLR	*MFR LIST*	**$337.00**
XP100-XLR Expander	60AIXP100XLR	*MFR LIST*	**$259.00**
WA100-1 AC/DC Wall Supply for above (sold separately)			
	60AIWA1001	*MFR LIST*	**$12.50**

BBU100-1 Battery Pack (takes four 9V)			
	60AIBBU1001	*MFR LIST*	**$40.00**
Single unit rack mount	60AI20604501	*MFR LIST*	**$20.00**
Double unit rack mount	60AI20604502	*MFR LIST*	**$25.00**
Triple unit rack mount	60AI20604503	*MFR LIST*	**$30.00**

Call Bradley for a current price quotation.

U.S. Audio MIX-5 Mixer

When asked to recommend a handy, good small mixer, we often turn to U.S. Audio's MIX-5, a single space, rack mountable five input device available in mono and stereo output versions. The first four inputs offer balanced XLR microphone and high impedance 1/4" TS line level connectors, and a stereo auxiliary input (summed on the mono version) is in the last position. Includes a ten segment LED level indicator.

Mono output	60WHMIX5	*MFR LIST*	**$416.00**
Stereo output	60WHMIX5S	*MFR LIST*	**$434.00**

Call Bradley for a current price quotation.

Shure FP410 Automatic Mixer

The FP410 is Shure's portable, automatic mixer. Within four milliseconds of the moment a new talker begins, the FP410 silently activates the appropriate mic. Use it for radio talk, conference recording, field production, convention facilities, and hotels.

The FP410 distinguishes between constant background noise and rapidly changing sound such as speech. MaxBus assures that one talker will only activate one microphone. When the talker stops, the FP410 keeps that mic on until a new one is activated. Features include four transformer balanced mic/line inputs, dual XLR outputs, switchable phantom power, linking capabilities for up to 25 mixers, and limiter. Operates on 120/230V or two 9V batteries. Rack ears included.

FP-410	60SHFP410	*MFR LIST*	**$1650.00**
Accessory:			
Porta-Brace deluxe carrying case			
	60PBMX410	*MFR LIST*	**$56.00**

Call Bradley for a current price quotation.

Toll Free: 800-732-7665 • Direct: 301-231-7800 • FAX: 301-230-6526 • **Bradley Broadcast**

Sabine FBX Feedback Exterminators

Looking to control feedback? Instead of the traditional 1/3 octave graphic EQ, use Feedback Exterminators. Your EQ is fine for shaping sound, but the width of the filters means you may be removing a lot of power when you pull down those sliders.

An FBX, placed before the power amp in an audio chain, automatically senses feedback and, in less than a half-second, places a very narrow adaptive digital filter (10 times narrower than a graphic EQ filter) right on the resonating frequency. A new filter locking feature freezes the fixed filters created during set-up; they still prevent feedback, but won't go deeper than the original setting.

You get automatic feedback control, more gain before feedback, and increased clarity of your sound. This will help audio pros who work in theaters, stadiums, schools, conference rooms, hotels, and anywhere feedback is a concern.

Connectors are XLR and 1/4" TRS, balanced and unbalanced. The FBX-1802 is a dual mono version with a few extra features thrown in.

PS — It's pronounced "suh-BEEN".

FBX-901
60SBFBX901 *MFR LIST* **$649.95**
FBX-1802
60SBFBX1802 *MFR LIST* **$1299.95**

Call Bradley for a current price quotation.

DOD Graphic Equalizers

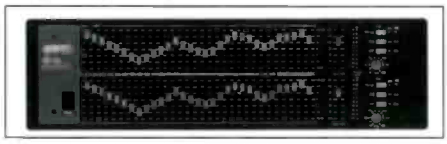
Bradley Best Seller

Customer feedback is very good on DOD's popular line of graphic equalizers. They provide high quality 12dB cut/boost filters, gain control, a low cut filter, and headroom metering. All are two rack spaces high with both balanced XLR and balanced/ un-balanced TRS 1/4" jacks for inputs and outputs.

R830-II stereo 15-band 2/3 octave
60DOR830C *MFR LIST* **$269.95**
R831-II mono 31-band 1/3 octave
60DOR831C *MFR LIST* **$269.95**
R231-II stereo 31-band 1/3 octave
60DOR231C *MFR LIST* **$449.95**

Call Bradley for a current price quotation.

Ashly Graphic Equalizers



A constant "Q" design with low ripple ensures constant bandwidth regardless of fader position. At the detented "flat" setting, the filters go off circuit, which electronically bypasses unused filters. The stereo 15-band unit provides 15dB cut/boost and switchable 40Hz low cut filter. The 31-band models give you a selectable 15dB or 6dB range, a switchable and tunable low cut filter, and nine position LED level meters. Metal shaft faders with saddle knobs, peak LED meters, and balanced XLR and unbalanced 1/4" inputs and outputs are provided.

GQX1502 stereo 15-band (2 rack units high)
60ASGQX1502 *MFR LIST* **$499.00**
GQX3101 single channel 31-band (2RU)
60ASGQX3101 *MFR LIST* **$599.00**
GQX3102 stereo 31-band (3RU)
60ASGQX3102 *MFR LIST* **$999.00**

Call Bradley for a current price quotation.

Symetrix SX201 Parametric EQ

Handle both low- and line-level inputs with the SX201, a studio quality parametric EQ/notch filter. Three parametric bands provide 30dB cut/15dB boost capability, and overlapping bands cover the entire audio range. Bandwidth is variable for each section from 0.05 to 3.3 octaves for notch filtering or tone shaping.

Its balanced line input accepts -10dBV to +8dBm inputs, while its preamplified input accepts low level signals from synthesizers, guitars, or electronic drums. High headroom, active devices are used to deliver the best dynamic range. Separate balanced and unbalanced outputs are provided. The SX201 mounts in a half rack width and is a single channel unit. Use two for stereo.

SX201
60SYSX201 *MFR LIST* **$279.00**

Accessory:
Rack mount kit for one or two SX series units.
60SYRM2 *MFR LIST* **$39.00**

Call Bradley for a current price quotation.

Rane PE17 Parametric Equalizer

Rane gear impresses us because our customers are consistently satisfied. Here's a parametric EQ and notch filter with separate in and out gain controls, sweepable low and high cut filters, five fully overlapping bands, and audio performance compatible with digital recording gear.

Adjustable band limiting filters let you tailor your system's response. You can vary each bandwidth from as narrow as 1/30th of an octave to as wide as two octaves. The extra-deep cut range is effective against troublesome feedback frequencies. Adjustments are independent, so you can change all controls in any order without affecting the others.

Features include 120dB (20-bit) dynamic range, 10Hz-20kHz frequency sweep, individual bypass switches and LEDs, auto failsafe bypass relay, 1/4" patch jack for insert point use, and both XLR and 1/4" TRS connectors for balanced I/O.

PE17 60RNPE17 *MFR LIST* **$499.00**

Call Bradley for a current price quotation.

Rane Micro-Graphic Equalizer

The filters in the Micro-Graphic series are constant Q with grounded center-detent controls. They provide true 1/3 octave filter bandwidth regardless of boost/cut level. These compact equalizers offer more features and quality than their size might lead you to believe. The 30-band ME30 and dual 15-band ME15 are one rack unit high and have a range switch providing a choice of 6dB or 12dB cut/boost.

The ME60 is a dual 30-band EQ with 12dB cut/boost in a two rack unit high chassis. It features adjustable low and high frequency cut-off filters, overall level controls, passive bypass switches, and XLR, 1/4" TRS, and RCA jack inputs and outputs.

ME30 mono 30-band
60RNME30 *MFR LIST* **$389.00**
ME15 stereo 15-band
60RNME15 *MFR LIST* **$399.00**
ME60 stereo 30-band
60RNME60 *MFR LIST* **$669.00**

Call Bradley for a current price quotation.

Bradley can put your hands on all kinds of EQ. Call us!

Yamaha Q2031A Graphic EQ

In two rack spaces, Yamaha provides a sophisticated stereo 1/3 octave graphic equalizer. Yamaha puts 31 filters on two channels, each of which also has a sweepable 12dB per octave high pass filter, a 6dB or 12dB cut/boost range switch, a filter bypass, a peak indicator, and channel gain control. Inputs and outputs are both balanced (XLR) and unbalanced (1/4" TS), and the Q2031A operates from -20dBV to +4dBm. Sockets for output transformers are included on the rear panel.

Q2031A
60YAQ2031 *MFR LIST* **$729.00**

Call Bradley for a current price quotation.

dbx 160A Compressor/Limiter

Meet the latest offspring from dbx... the 160A Compressor, heir to the line of classic 160 series devices. It has the familiar classic sound, easy set-up, and precise metering. Here's what's new: improved signal path, single front panel with integral rack ears, IEC AC input connector, ground lift switch to lift pin 1 at the XLR input, and a lighter stronger chassis. And it's now made in the USA.

You still get your choice of OverEasy or classic hard knee compression, a variable compression ratio from 1:1 through infinity to negative compression, dual RMS LED display that monitors input or output and gain reduction, up to 60dB of gain reduction, compression threshold from -40dB to +20dB, and independent balanced and unbalanced outputs that can drive their loads simultaneously to +24dBm. Two 160A's can be stereo-coupled to process an entire mix or instruments miked in stereo, without shifting the left/right image.

Use it to control variation in levels, raise a signal out of a mix, transfer between digital and analog media, prevent tape saturation, and protect speakers. Broadcasters, musicians, recording studios, and installers will appreciate it, particularly since they won't pay a higher price for this improved unit.

160A 60DB160X *MFR LIST* **$459.00**

Call Bradley for a current price quotation.

dbx 166A Compressor/Limiter/ Expander Gate

The new 166A is a two-channel, stereo linkable unit, now with XLR's. You get OverEasy or hard knee compression, two sets of program dependent attack and release time constants, a switchable LF shelf in the detector circuit, and PeakStop limiting. The 166A now features both balanced XLR and unbalanced 1/4" inputs and outputs, IEC AC connector, and a new front panel that's easier to see in low light.

Prevent transient peaks from overloading your digital recorder; make an intimate vocal stand out in a music mix; use compression for jingles and post production. Features include an expander/gate design with continuously variable release time and 75dB threshold range (up to +15dB), stereo or dual-mono operation, hardwire bypass, dual sidechain inputs, internal power supply, and integral rack ears. Made in the USA.

166A 60DB166 *MFR LIST* **$549.00**

Call Bradley for a current price quotation.

Symetrix SX208 Stereo Compressor/Limiter

By eliminating redundant controls, Symetrix put the SX208 a step ahead of other dynamic range controllers. Attack and release times are program controlled. The front panel includes an input gain trim with LED input level indicator, a compression ratio control adjustable from 1:1 to 20:1, a fast/slow response time switch, an output gain control, and an LED gain reduction meter. The SX208 is built around a high performance VCA, enabling a dynamic range in excess of 110dB with typical distortion of less than 0.03%. Inputs and outputs are electronically balanced on 1/4" TRS jacks.

SX208
60SYSX208 *MFR LIST* **$299.00**

Accessory:
Rack mount kit for one or two SX series units.
60SYRM2 *MFR LIST* **$39.00**

Call Bradley for a current price quotation.

Symetrix 425 Compressor/Limiter

The Symetrix 425 combines three important functions in one package: limiting, downward expansion, and compression. This gives you great flexibility. Use the expander to get rid of background noise, tape hiss, or hum. Apply any degree of compression without worrying about pumping and breathing. Use the limiter to control peaks and to eliminate the risk of digital distortion when recording to DAT or other digital recording devices. Use all three functions to keep satellite feeds and phone lines clean.

Standard features include stereo or two-channel operation, individual LED meters for outputs and each processing function, sidechain I/O, threshold controls for all three functions, and release controls for expander and compressor. Balanced XLR and unbalanced 1/4" line level connections are provided.

425 60SY425 *MFR LIST* **$579.00**

Call Bradley for a current price quotation.

Ashly CL52E Comp/Limiter

Ashly's compressor/limiters provide a variety of features such as trigger circuit patch, variable threshold, variable ratio from 2:1 to infinity:1, variable attack and release, and LED's to indicate up to 20dB of gain reduction.

The CL52E provides two channels of gain reduction in one compact package. This unit can be used as either two independent peak limiter/compressors, or may be strapped for stereo tracking. Precise and independent adjustments make the CL52E ideal for such diverse applications as loudspeaker protection, broadcast limiting or compression, recording, tape to disc transfer, special effects, and more.

CL52E 60ASCL52 *MFR LIST* **$399.00**

Call Bradley for a current price quotation.

Mics Need Processors Too. Turn To Pages 41 and 42.

Aphex 106 Easyrider

Aphex calls its Model 106 four channel compressor "The Easyrider".

Put it on individual voices and instruments, submixes, and full program mixes. The Easyrider provides automatic layered attack/release times, fast/slow settings, 20dB gain reduction meter, and -10/+4 switch for each channel. It also features linkable pairs for stereo use, all in a single rack space. Connectors are 1/4" phone TRS.

The Easyrider is particularly attractive to users who need gain riding but may not have the budget for an Aphex Compellor or Dominator. "Radio World" honored this model with its "Cool Stuff" award for new products at the NAB convention.

Model 106 Easyrider
60AP106 *MFR LIST* **$449.00**

Call Bradley for a current price quotation.

Orban 275A Automatic Stereo Synthesizer

The 275A detects mono and automatically blends to mono-compatible synthesized stereo. Single-ended noise reduction, auto-polarity detector and corrector are included. The unit recognizes real stereo and passes it, unaltered; it also knows dual or single channel mono and automatically switches to synthesis mode smoothly. It also detects and corrects out of phase audio. A remote control is also available. Call for more information.

275A 60OB275A *MFR LIST* **$2400.00**

Call Bradley for a current price quotation.

Rane DC24 Dynamic Controller

The DC24 dynamic controller is a two channel compressor, limiter, expander/gate system. Separate controls for each of the three sections provide wide range, free from control interaction. An internal crossover allows a single audio channel to be divided into two bands, processed separately, and recombined into one channel. This crossover may also serve as a dividing network allowing all processing functions for each band. Inputs and outputs are XLR, active balanced, with RFI filtering provided. Individual channel hard wire bypass switches are also provided.

DC24 60RNDC24 *MFR LIST* **$599.00**

Call Bradley for a current price quotation.

ART MDC 2001 Dynamics Processor

A stereo compressor, limiter, de-esser, exciter, expander, and gate are rolled into this exciting, cost effective box. Using a wide dynamic range, low distortion VCA, the processor works without pumping, breathing, or signal coloration. The MDC 2001 features individual isolated processing circuits, switchable input/output metering, balanced XLR and 1/4" TRS inputs/outputs, a switchable detector loop, and threshold activation LED's. It will be a welcome addition to your processing arsenal.

MDC 2001
60MX520 *MFR LIST* **$499.00**

Call Bradley for a current price quotation.

Eventide Ultra-Harmonizer®

They grow more potent every year. Eventide's famous Ultra-Harmonizer® brand Effects Processors are studio weapons that provide your morning show or production wizard with a wealth of reverb, effects, and pitch-related programs. Use the pre-sets or store your own creations. Create custom chords based on a one-note input; correct an off-pitch note. MIDI control is provided.

Also ask about the DSP4000 Digital Ultra Harmonizer/Reverb with digital I/O.

The H3000-B+ has 16 algorithms, 184 presets, and TimeSqueeze® to shorten or expand a spot by controlling your source tape machine automatically. It's a broadcast morning show or production department in a box. Create funny voices, put your talent in imaginary concert halls or locker rooms, and go where your imagination takes you thanks to dynamic effects such as gating, voice-over ducking, and compression. This model now also includes Mod Factory algorithms, letting you choose and patch together a set of independent processing modules, and Multi-Shift pitch shift functions.

The H3000B/LT is identical to the model described above, but without TimeSqueeze (many audio professionals no longer need that function, with the move to digital devices). You can still dial in pitch change for time compression on the B/LT version; just manually adjust the play speed of your workstation or playback deck to match.

The H3500-B is powerful indeed, with the broadcast presets and TimeSqueeze of "B" models, plus a vocoder, phase shifter, reverbs, filters, and special effects, 785 presets, and a built-in sampler (either 22 or 95 seconds). Dynamics, gating, ducking, and compression.

H3000B+ 60EVH3000B *MFR LIST* **$2995.00**
H3000B/LT 60EV3000BLT *MFR LIST* **$2495.00**
H3500B DFX (22 sec sampling)
60EVH3500BDFX *MFR LIST* **$3995.00**
H3500B DFX/E (95 sec sampling)
60EVH3500BDFE *MFR LIST* **$4995.00**

Call Bradley for a current price quotation.

Bradley carries other Eventide models for your special audio needs. Call us!

Orban Studio Chassis

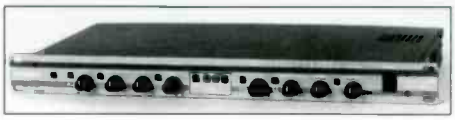
Orban's Optimod Studio Chassis 8200ST offers the same dynamics control as their successful Co-operator, with extra features and better circuitry for lower noise and distortion. It's appropriate for general studio average and peak level control functions, and as a companion to Optimod air chain processors.

Features include stereo AGC compressor/limiter, HF limiter, peak controller, LED bargraph displays, tone line-up generator, switchable pre-emphasis, electronically balanced XLR inputs, and electronically balanced and floating XLR outputs. Occupies one rack space.

8200ST/U 60OB8200STU *MFR LIST* **$1400.00**

Call Bradley for a current price quotation.

Aphex 320A Compellor



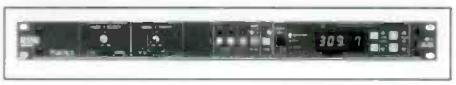
The Compellor is an effective gain riding device. Its name describes the three functions it performs: compression, leveling, and peak limiting. These operate harmoniously; the compressor and leveling sidechains are intelligent, program controlled, and interactive. The leveler provides a platform based on long term average audio levels. The compressor, operating from this platform, more readily handles short term gain changes. A process balance control varies the ratio of these two functions. A fast peak limiter follows, to catch any overshoots and hold them to an absolute peak value. A silence gate prevents gain pumping during slow fades. This year, the Compellor also includes a new frequency-discriminate leveler circuit.

The user simply decides how much the lowest level signal will be brought up and the proportion of leveling to compression, and trims the output for unity gain. The transparent audio path is comprised of servo-balanced (XLR) inputs and outputs and the Aphex VCA 1001. The unit operates in dual mono or one of two stereo link modes.

320A Compellor
60APCMP *MFR LIST* **$1350.00**

Call Bradley for a current price quotation.

Rane Audio Delays



When you need an audio delay, think Rane. The AD-22 is a balanced, two input, two output alignment delay providing a range of 0.011 to 327.68 milliseconds on each output. The delay of each output is adjustable in 10 microsecond and 1 millisecond increments. Each output has two non-volatile memories for easy access to stored delay values. Quality is assured with Dolby Time Link 1-bit delta-sigma circuitry.

Features include front panel lockout, fail-safe bypass in case of power loss, and two EEPROM memories per channel (no batteries).

The AD-22B uses XLR connectors; the AD-22 features terminal strip I/O. Need audio-to-video sync? Call for pricing and specs on Rane's AVA-22.

AD-22	60RNAD22	*MFR LIST*	**$759.00**
AD-22B	60RDAD22B	*MFR LIST*	**$799.00**

Call Bradley for a current price quotation.

The Aphex Aural Exciter uses a patented process that recreates and restores missing harmonics, which are musically and dynamically related to the original sound. When added, they restore natural brightness, clarity, and presence, and can increase audio bandwidth. Unlike an equalizer or other enhancers that only boost the highs, an Aural Exciter extends the high frequencies. It's a single ended process that can be applied at any point in your audio chain, since it requires no decoding.

Aphex Type III Aural Exciter

Add sparkle, clarity, intelligibility, openness, and that extra edge to recorded or broadcast material. The Type III is a professional, dual-channel Aural Exciter loaded with powerful processing features and improved circuitry. Noise and distortion are virtually eliminated, while special features now make enhancement possible while reducing source noise.

Features new to the Type III include adjustable harmonics mixing, two modes of noise reduction, a Spectral Phase Refractor to compensate for phase smearing caused by the recording process, servo balanced input/output on XLR connectors, the VCA 1001 chip, and a Null Fill control to let the user set the amount of de-emphasis that surrounds the excited band of frequencies for added presence.

Like its predecessors, the Type III allows front panel or remote control of a relay hardwire bypass, automatic balanced or unbalanced operation, stable and repeatable settings, and LED's indicating all switchable functions.

Type III 60APIII *MFR LIST* **$995.00**

Call Bradley for a current price quotation.

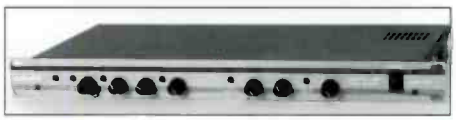
Aphex 104 Aural Exciter Type C²

Two processing types allow the user of the 104 to enhance both ends of the spectrum. The Aural Exciter portion uses the same psychoacoustic principals of the professional Type III. Harmonics setting is simplified for normal and high enhancement drive. The racy-sounding "Big Bottom" is actually a bass enhancer that increases bass presence, density, and loudness dramatically without vastly increasing peak amplitude or generating subharmonics. This rack-mount, two-channel unit has 1/4" phone jacks and can be operated at -10 and +4.

104 Type C²
60AP104 *MFR LIST* **$349.00**

Call Bradley for a current price quotation.

Aphex 323A Compellor/Aural Exciter



One unit combines the control over program dynamics found in the Compellor process with the enhancement and restoration features of the Aural Exciter. The Aphex Model 323A is a single-channel, mono audio processor that compresses, limits, and levels while also increasing presence and intelligibility. It can be wired for stereo with the addition of another 323A and an interconnect cable. Aphex has also added a new frequency-discriminate leveler circuit.

The wide dynamic range suits it for digital and analog recording. The latest Compellor improvements are here: front panel peak limiter defeat, switchable leveling speed, and a rear-panel control that allows you to set the reference level at +4, +8, or -10. The 323A connects to balanced and unbalanced systems thanks to better transformerless servo-balanced I/O's on XLR connectors. One button sets the two-color LED's for input, output, or gain reduction. This is an easy unit to install and operate.

323A Compellor/Aural Exciter
60AP323 *MFR LIST* **$949.00**

Call Bradley for a current price quotation.

Symetrix 602 Stereo Digital Processor

Enter the digital domain of audio processors with a tool kit that integrates three processing blocks: parametric EQ, multi-dynamics processing, and time domain effects, all simultaneously. The 602 has digital inputs and outputs, both AES/EBU and S/PDIF, analog stereo line level I/O on XLR's, comprehensive real-time MIDI implementation, and dynamic range of more than 100dB. Even your lowest level signals will shine through.

The EQ includes peak/shelf and notch filtering, compressor/limiter, an AGC/leveler, downward expansion, dynamic filter noise reduction, de-essing, and stereo digital delay. Seamless, on the fly editing and changes mean, for example, that you can change EQ frequencies in the middle of a take, silently.

Choose from 128 read-only presets, or store your own. The presets range from gentle EQ curves to dramatic voice, instrument, and spatial alterations.

Use the 602 as a digital mastering processor, broadcast program optimizer, post production effects unit, or general fix-it kit.

602 60SY602 *MFR LIST* **$1995.00**

Call Bradley for a current price quotation.

dbx 266 Compressor/Gate

Project 1 processors from dbx are aimed at taking advantage of advances in technology to offer dbx performance at the lowest possible cost. The 266 is a perfect example: two channels of compression, program-adaptive expander/gates, AutoDynamic attack and release controls, and attractive LED metering. Balanced inputs and unbalanced outputs are on 1/4" TRS connectors. Side chain insert is standard on this rack-mountable unit. Front panel controls let you set the 266 for stereo or dual mono operation. A solid value.

266	60DB266	*MFR LIST*	**$299.00**

Call Bradley for a current price quotation.

dbx 296 Spectral Enhancer

Do your vocal audio tracks sparkle? Does the synthesizer sound sizzle? If not, take a look at the dbx 296 Spectral Enhancer, a dual channel processor excellent for detailing and cleaning up mixes or individual vocals or instruments. Separate controls let you set the amount of high frequency and low frequency enhancement you want. Special Hiss Reduction circuitry removes hiss instead of adding it, a common problem in HF equalization. A new LF Detail circuit adds mass to the bottom end and reduces muddiness.

The 296 is a member of the dbx Project 1 Series of processors. LED metering of filter activity, clip indicators, and rack mounting are standard. The 296 uses 1/4" TRS connectors, balanced in, unbalanced out (balanced output in bypass mode).

296	60DB296	*MFR LIST*	**$349.00**

Call Bradley for a current price quotation.

Aphex Dominator II Limiters

The Model 720 Dominator II is free of hole punching, dullness, and most other sound deterioration often associated with limiters. It is a stereo, three-band peak limiter for many audio uses. It boasts a 104dB dynamic range, so it can hold its head up when keeping company with your digital sources and recorders.

Aphex reduces the audible side effects of the limiting action. This means greater limiting depth for higher loudness with maintained audio quality. As a peak overshoot protection limiter, the Dominator is undetectable while it absolutely prevents peak levels from exceeding a user set output level. You achieve greater audio density, increased punch, and other effects.

Also available: the Model 722 Dominator II has pre-emphasis (either 50 or 75 µsec) added before the limiters. A de-emphasis circuit appears after the final limiter. Both pre-emphasis and de-emphasis are now switchable. The 722 is designed for use in broadcast, satellite, and transmission links.

720 Dominator II	60APDOM	*MFR LIST*	**$1350.00**
722 Dominator II	60AP722	*MFR LIST*	**$1495.00**

Call Bradley for a current price quotation.

Alesis QuadraVerb 2 Master Effects

Take eight effects units, each with chorusing, flanging, EQ, delay, and reverb, then interconnect them with an automated mixer/patch bay that lets you route signals between the inputs and outputs of each. You've got the QuadraVerb 2 Octal Processing Master Effects unit with digital I/O.

Since you have eight simultaneous effects available to be combined, layered, or split between two input and two output channels, your multieffects capabilities go up exponentially. Each of the eight effect blocks can be programmed as a stereo or mono chorus or flanger, EQ (parametric, resonator, high and low pass), pitch shifting over four octaves, five seconds of delay (mono, stereo, ping-pong, or multitap), or multiple reverbs.

The large LCD display shows the setup of the eight effects blocks, showing routings as "digital patch cords" drawn between blocks. Each block can receive a mix of inputs from other blocks or from the input jacks, simultaneously.

Inputs and outputs are balanced with +4dBm levels on 1/4" TRS phone jacks. Unbalanced -10dBV connection is also provided. The 18-bit oversampling DAC's give outstanding dynamic range, but you may not even need them: thanks to its ADAT Optical ports, the Q2 lets you process signals to and from an ADAT machine without leaving the digital domain.

QuadraVerb Q2	60ALQV2	*MFR LIST*	**$799.00**

Call Bradley for a current price quotation.

Bradley accepts MasterCard, Visa, and Discover.

Yamaha Effects Processors

Bradley Best Seller

You'll win your production battles with allies like these.

The SPX-990 has 80 stunning preset effects and 100 writable memory locations into which you can store edited versions of the presets, customized to your taste. Optional plug-in memory cards hold another 100 effects programs each. The unit has a two-in/two-out configuration that allows stereo sources to be processed without disrupting the original stereo image. Inputs and outputs are analog, electronically balanced, with XLR and TRS 1/4" connectors. New effects include natural reverb, tempo-based delays, and various pitch change effects.

The SPX-1000 provides 40 preset programs including natural reverberation and early reflections, delay and echo, pitch change, and more. The preset programs can be edited, retitled, and stored in multiple user-defined memories; each program has a range of parameters and EQ to tailor the effect to any application.

Multiple effects programs allow the SPX-1000 to provide up to five effects at the same time. Other features include MIDI implementation, 1/4" unbalanced analog I/O connectors, and Yamaha-format digital inputs and outputs.

Both models provide switchable stereo -20dBV and +4dBm inputs and outputs. The sampling frequency of 44.1kHz and full frequency response from 20Hz to 20kHz result in exceptionally clean, transparent sound.

SPX-990	60YASPX990	*MFR LIST*	**$1149.00**
SPX-1000	60YASPX1000	*MFR LIST*	**$1799.00**
Accessory:			
Memory Card	60YAMCD64	*MFR LIST*	**$159.95**

Call Bradley for a current price quotation.

ART FXR Signal Processors

Get studio-grade multi-effects for a very low cost per channel from Applied Research & Technology (ART). These discrete two-channel units have reverb, gated reverb, panning, chorusing, flanging, multiple types of delay, and other effects. Inputs and outputs are on unbalanced 1/4" connectors.

The FXR processor provides 250 preset combinations, up to four effects at once, and the power of random access memory for complex reverbs. It works mono in/out, stereo in/out, or as two independent processors in one chassis. Run vocals through one channel, instruments through the other.

The FXR Elite is a programmable version of the FXR, allowing the user to vary parameters and store the changes. The front panel has an LED display telling you which parameter you're controlling, and an auto store button for saving the setting. It's responsive to MIDI patch change protocol, and offers footswitching through the MIDI program table.

FXR 423	60MX423	*MFR LIST*	**$249.00**
FXR Elite 424	60MX424	*MFR LIST*	**$329.00**

Call Bradley for a current price quotation.

ART Studio Edition Processors

Multiverb Alpha SE and DRX-2100 SE

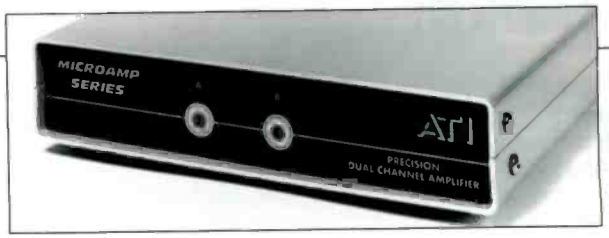
Multiverb Alpha SE uses a VLSI microchip to squeeze more than 400 preset audio effects into one box, including reverbs, chorusing, and flanging. Mix up to seven effects simultaneously. Thanks to 24 bit processing, the Alpha SE achieves remarkable specs for all effects (over 50 effects at 20kHz). This unit has a seven-band programmable EQ, pitch transposer (over 2-1/2 octaves), room, hall, gated, chamber and plate reverbs, 21 different delays, stereo panner, and sampler. A digital instrument tuner and pitch generator helps you tune instruments and test PA systems. The Multiverb Alpha controls up to eight parameters on each patch via MIDI, with changes made in real time. Inputs & outputs are 1/4" TS, unbalanced.

Offering all those effects and the same 24-bit VLSI engine, the DRX-2100 Studio Edition adds a programmable dynamics processor. It features compressor, limiter, exciter, expander, noise gate, and digital frequency routing; it will perform 12 audio functions simultaneously with 20kHz bandwidth.

Multiverb Alpha SE 472	60MX472	*MFR LIST*	**$549.00**
DRX-2100 SE	60MX432	*MFR LIST*	**$639.00**

Call Bradley for a current price quotation.

ATI L-1000 Precision Dual Line Amp



ATI has a whole arsenal of worthy studio tools in its Microamp Series. The L-1000 provides 34dB of gain for solving numerous control room problems. Low noise, high impedance balanced input bridges +24dBm lines with 80dB hum rejection. Rack mount kits for one or two units are also available.

Transformer output	60AIL10001	*MFR LIST*	**$379.00**
Balanced differential outputs	60AIL10002	*MFR LIST*	**$359.00**

Call Bradley for a current price quotation

ATI Multiple Amplifier Arrays

Use these individually or in sets to create a mic distribution amp, headphone amp, consumer to pro interface, press box, or a simple mixer. Multiple Amplifier Arrays combine audio gain control, distribution, and mixing in a single rack space enclosure. They're available with four or eight channels of mic-to-line (up to 84dB) or line-to-line (up to 42dB) of amplification.

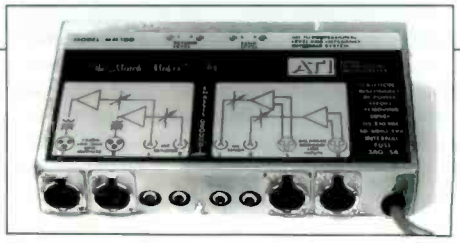
Rear panel jumpers let you create combinations of distribution amplifiers, mono summing networks, or sum and difference networks. Excellent audio specifications make these arrays an exceptional value. Call us if you want specs. Call us if you prefer XLR termination strips. Call us anyway for a quote on the models you need.

4 channel line amp, transformer outputs	60AIMLA4001	*MFR LIST*	**$495.00**
4 channel line amp, differential outputs	60AIMLA4002	*MFR LIST*	**$369.00**
8 channel line amp, transformer outputs	60AIMLA8001	*MFR LIST*	**$755.00**
8 channel line amp, differential outputs	60AIMLA8002	*MFR LIST*	**$579.00**

4 channel mic-to-line amp, transformer outputs	60AIMMA4001	*MFR LIST*	**$545.00**
4 channel mic-to-line amp, differential outputs	60AIMMA4002	*MFR LIST*	**$419.00**
8 channel mic-to-line amp, transformer outputs	60AIMMA8001	*MFR LIST*	**$825.00**
8 channel mic-to-line amp, differential outputs	60AIMMA8002	*MFR LIST*	**$629.00**

Call Bradley for a current price quotation.

ATI Matchmaker



Loading, distortion, hum loops, RF pickup, and high frequency roll off can be problems when interconnecting consumer (unbalanced, 1HF) and professional (+4dBm) equipment. The Matchmaker solves these problems with less than 0.02% THD, 20Hz to 20kHz with +0/-0.25dB response, and over 98dB of dynamic range. The Matchmaker performs exceptionally thanks to design features including its transformer balanced outputs.

Matchmaker	60AIMM100	*MFR LIST*	**$299.00**

Accessory:
Rack panel holds one or two units in a single rack space.

	60AI20273	*MFR LIST*	**$25.00**

Call Bradley for a current price quotation.

Z-1SRC by Z Systems

NEW

The Z-1SRC Sample Rate Converter lets you go from one digital audio rate to another. Its 100% digital design provides affordable, quality audio conversion: CD to DAT, varispeed to 44.1, DAW to digital mixer, and many other applications. Features include jitter reduction, format conversion, and external sync. Ins and outs are AES/EBU, S/PDIF, coax, optical, and XLR.

Z-1SRC	60ZSZ1SRC	*MFR LIST*	**$995.00**

Call Bradley for a current price quotation.

Yamaha Effects Processors

Bradley Best Seller

You'll win your production battles with allies like these.

The SPX-990 has 80 stunning preset effects and 100 writable memory locations into which you can store edited versions of the presets, customized to your taste. Optional plug-in memory cards hold another 100 effects programs each. The unit has a two-in/two-out configuration that allows stereo sources to be processed without disrupting the original stereo image. Inputs and outputs are analog, electronically balanced, with XLR and TRS 1/4" connectors. New effects include natural reverb, tempo-based delays, and various pitch change effects.

The SPX-1000 provides 40 preset programs including natural reverberation and early reflections, delay and echo, pitch change, and more. The preset programs can be edited, retitled, and stored in multiple user-defined memories; each program has a range of parameters and EQ to tailor the effect to any application.

Multiple effects programs allow the SPX-1000 to provide up to five effects at the same time. Other features include MIDI implementation, 1/4" unbalanced analog I/O connectors, and Yamaha-format digital inputs and outputs.

Both models provide switchable stereo -20dBV and +4dBm inputs and outputs. The sampling frequency of 44.1kHz and full frequency response from 20Hz to 20kHz result in exceptionally clean, transparent sound.

SPX-990	60YASPX990	*MFR LIST*	**$1149.00**
SPX-1000	60YASPX1000	*MFR LIST*	**$1799.00**
Accessory:			
Memory Card	60YAMCD64	*MFR LIST*	**$159.95**

Call Bradley for a current price quotation.

ART FXR Signal Processors

Get studio-grade multi-effects for a very low cost per channel from Applied Research & Technology (ART). These discrete two-channel units have reverb, gated reverb, panning, chorusing, flanging, multiple types of delay, and other effects. Inputs and outputs are on unbalanced 1/4" connectors.

The FXR processor provides 250 preset combinations, up to four effects at once, and the power of random access memory for complex reverbs. It works mono in/out, stereo in/out, or as two independent processors in one chassis. Run vocals through one channel, instruments through the other.

The FXR Elite is a programmable version of the FXR, allowing the user to vary parameters and store the changes. The front panel has an LED display telling you which parameter you're controlling, and an auto store button for saving the setting. It's responsive to MIDI patch change protocol, and offers footswitching through the MIDI program table.

FXR 423	60MX423	*MFR LIST*	**$249.00**
FXR Elite 424	60MX424	*MFR LIST*	**$329.00**

Call Bradley for a current price quotation.

ART Studio Edition Processors

Multiverb Alpha SE and DRX-2100 SE

Multiverb Alpha SE uses a VLSI microchip to squeeze more than 400 preset audio effects into one box, including reverbs, chorusing, and flanging. Mix up to seven effects simultaneously. Thanks to 24 bit processing, the Alpha SE achieves remarkable specs for all effects (over 50 effects at 20kHz). This unit has a seven-band programmable EQ, pitch transposer (over 2-1/2 octaves), room, hall, gated, chamber and plate reverbs, 21 different delays, stereo panner, and sampler. A digital instrument tuner and pitch generator helps you tune instruments and test PA systems. The Multiverb Alpha controls up to eight parameters on each patch via MIDI, with changes made in real time. Inputs & outputs are 1/4" TS, unbalanced.

Offering all those effects and the same 24-bit VLSI engine, the DRX-2100 Studio Edition adds a programmable dynamics processor. It features compressor, limiter, exciter, expander, noise gate, and digital frequency routing; it will perform 12 audio functions simultaneously with 20kHz bandwidth.

Multiverb Alpha SE 472	60MX472	*MFR LIST*	**$549.00**
DRX-2100 SE	60MX432	*MFR LIST*	**$639.00**

Call Bradley for a current price quotation.

Lexicon Effects Processors

LXP-5

The LXP-5's effects include echoes, choruses, flangers, and three octave pitch shifters. These have the lush and detailed sound of Lexicon devices, and can be stacked up to five at a time. Edit and store parameters from the front panel or manipulate them via MIDI System Exclusive messages. Real time MIDI control over parameter values lets the LXP-5 perform many of the dynamic effects seen only in units costing much more. MIDI clock signals can be used to tie delay times in with tempo and timing of synchronized material. When used with the Lexicon MRC-1 MIDI controller, the LXP-5 is easily maneuvered through parameter editing. Signal inputs and outputs are stereo on 1/4" TS jacks. Half-rack design.

LXP-15

The LXP-15 sounds as good as it feels. The 128 preset effects include pitch shift, stereo delay, gate, plate, Lexicon's renowned reverb, and many more. Up to 128 user presets may be stored. Connectors are 1/4" TS. Every major function is accessed by a rotary selector switch, a soft adjustment knob, and a soft-key controlled LCD display. Lexicon's Dynamic MIDI provides the ultimate in remote control, and five inputs are provided for external switches to change parameters without MIDI. Rack mountable.

LXP-5	60LELXP5	*MFR LIST*	**$549.00**
LXP-15	60LELXP15	*MFR LIST*	**$1049.00**

Accessory:

Rack shelf for up to two LXP-5's.

60LEALXPR	*MFR LIST*	**$30.00**

Call Bradley for a current price quotation.

dbx Performer and Production Series Processors

From dbx: clean, intelligent signal processors in a half-rack space, complete with hardware for mounting one or two units across. The 140X and 150X have electronically balanced inputs and outputs on 1/4" TRS jacks, and are designed to operate at +4dBm. All other models have unbalanced 1/4" TS inputs and outputs on their rear panels.

163A Compressor/Limiter

Famous dbx OverEasy compression is controlled by a single slide control. An LED display indicates the amount of compression and two units may be strapped for stereo. Front panel 1/4" instrument input. This model has an updated front panel and is now made in the USA.

60DB163X *MFR LIST* **$169.00**

263A De-esser

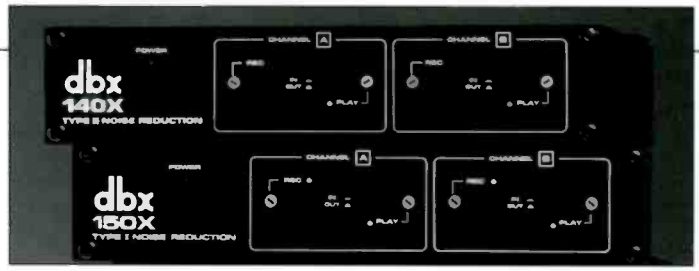
The 263A features a single slider for adjusting sibilance reduction, plus a knob for sensitivity to specific sibilance frequencies and a push button for selecting bandwidth. Even if the input levels vary as much as 45dB, patented circuitry delivers the exact de-essing required. Front panel 1/4" mic input. This model has an updated front panel and is now made in the USA.

60DB263X *MFR LIST* **$169.00**

363X Dual Channel Noise Gate

Use the 363X to remove unwanted background noise or to create striking instrument effects. It offers professional flexibility in creating a customized sound. Designed for stereo or dual channel operation, the 363X has separate controls for threshold, hold time, and release time. Attack time is less than 100µs. 60DB363X *MFR LIST* **$269.00**

Call Bradley for a current price quotation.



140X and 150X Noise Reduction

Each provides two channels of encoding and two of decoding. The 140X uses dbx standard Type-II noise reduction. It is recommended for cart machines, VTR's, microwave links, land lines, and other media with limited high- and low-end frequency response. The 150X, with Type-I noise reduction, is recommended for tape machines of flat response running at 15 ips or greater and other wide bandwidth media. Both units achieve 40dB or more of noise reduction.

140X	60DB140X	*MFR LIST*	**$319.00**
150X	60DB150X	*MFR LIST*	**$319.00**

Ordering is an easy process! Just pick up the phone and dial 1-800-732-7665!

Symetrix 601

Treat your golden voices with respect. The 601 Digital Voice Processor handles recording, broadcast, live sound, and post-production applications. Acting as a bridge from the analog to the digital domain, it accepts mic or line level analog signals, converts them to digital, and performs a range of processing options, including parametric EQ, shelving EQ, notch filtering, noise reduction, de-essing, delay, gating, expansion, compression, and AGC.

In addition to factory presets of each processing option, the 601 has ample space for you to store your own presets. MIDI control is available, or the 601 may be controlled from a Mac or IBM PC compatible computer. Stereo input signals may be processed via the AES/EBU-S/PDIF input. Stereo digital transfers may be made at 48kHz or 44.1kHz sample rates, and for any given format, output may be either digital or analog in mono or stereo.

601	60SY601	*MFR LIST*	**$1995.00**

Call Bradley for a current price quotation.

Symetrix 421 AGC Leveler

Using the 421 is like having a hand on a gain control knob all the time (someone else's hand). Combining a downward expander, AGC Leveler, and output limiter on one single rack unit chassis, the 421 is a set and forget device that gently boosts signals that drop below target output, and smoothly pulls back those that are above target level.

Smart circuitry reacts quickly, effectively distinguishing between noise or feedback and desired low level audio, utilizing a proprietary Activity Release Monitor circuit. When set in auto mode, the expander automatically tracks the AGC circuit for foolproof, program dependent operation. A fast acting limiter catches transient peaks, and speech curve filters are selectable to optimize voice range performance. The 421 may be stereo linked, or operated in side chain mode.

421	60SY421	*MFR LIST*	**$549.00**

Call Bradley for a current price quotation.

BEC Digital Network/Fiber Optic System

NEW

BEC Technologies' fiber optic SIGMAnet series is a low-cost, simple to use solution for system designers who need to accumulate and distribute multiple audio channels in combination with other digital data signals. BEC products are intended to assist media professionals by replacing large heavy bundles of wire with small, efficient, and high quality signal delivery.

Among the applications for this technology include broadcast network facilities, theatres, theme parks, remote vans, concert sound systems, airports, and the military...anyone who wants a lightweight distribution system with lots of channels per cable, protection from EMI, and digital signal quality.

SIGMAnet can work as a basic two-channel, point to point link, all the way up to a full-blown 64 channel networking system, with audio channels in either analog or digital form, and you can have two "open" data channels for SMPTE, MIDI, or other slow scan serial data streams.

Call Bradley for a BEC information packet today.

Aphex 124 Audio Level Interface

It's OK to use -10dBV consumer or semi-pro equipment with +4 or +8dBm pro audio systems; just remember to use an Aphex 124. It is a clean, reliable two way buffer that allows both systems to operate at maximum performance levels by matching impedances and operating levels. Inputs and outputs are transformerless for wide, flat frequency response and perfect square waves to preserve transients. Hum and noise rejection are high, while the noise and distortion of the 124 are almost non-existent. A front panel switchable 600 ohm load allows for input line termination.

124	60AP124	*MFR LIST*	**$229.00**

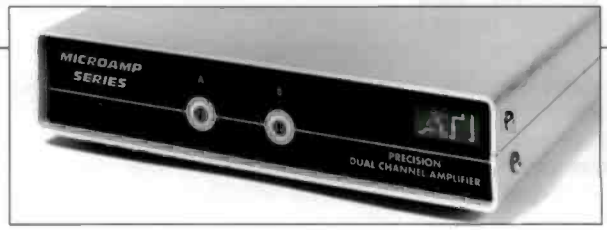
Accessory:

Rack mount kit holds one or two units in a single rack space.

60AP44008	*MFR LIST*	**$29.95**

Call Bradley for a current price quotation.

ATI L-1000 Precision Dual Line Amp



ATI has a whole arsenal of worthy studio tools in its Microamp Series. The L-1000 provides 34dB of gain for solving numerous control room problems. Low noise, high impedance balanced input bridges +24dBm lines with 80dB hum rejection. Rack mount kits for one or two units are also available.

Transformer output	60AIL10001	*MFR LIST*	**$379.00**
Balanced differential outputs	60AIL10002	*MFR LIST*	**$359.00**

Call Bradley for a current price quotation

ATI Multiple Amplifier Arrays

Use these individually or in sets to create a mic distribution amp, headphone amp, consumer to pro interface, press box, or a simple mixer. Multiple Amplifier Arrays combine audio gain control, distribution, and mixing in a single rack space enclosure. They're available with four or eight channels of mic-to-line (up to 84dB) or line-to-line (up to 42dB) of amplification.

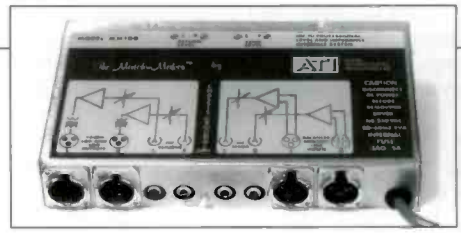
Rear panel jumpers let you create combinations of distribution amplifiers, mono summing networks, or sum and difference networks. Excellent audio specifications make these arrays an exceptional value. Call us if you want specs. Call us if you prefer XLR termination strips. Call us anyway for a quote on the models you need.

4 channel line amp, transformer outputs	60AIMLA4001	*MFR LIST*	**$495.00**
4 channel line amp, differential outputs	60AIMLA4002	*MFR LIST*	**$369.00**
8 channel line amp, transformer outputs	60AIMLA8001	*MFR LIST*	**$755.00**
8 channel line amp, differential outputs	60AIMLA8002	*MFR LIST*	**$579.00**

4 channel mic-to-line amp, transformer outputs	60AIMMA4001	*MFR LIST*	**$545.00**
4 channel mic-to-line amp, differential outputs	60AIMMA4002	*MFR LIST*	**$419.00**
8 channel mic-to-line amp, transformer outputs	60AIMMA8001	*MFR LIST*	**$825.00**
8 channel mic-to-line amp, differential outputs	60AIMMA8002	*MFR LIST*	**$629.00**

Call Bradley for a current price quotation.

ATI Matchmaker



Loading, distortion, hum loops, RF pickup, and high frequency roll off can be problems when interconnecting consumer (unbalanced, IHF) and professional (+4dBm) equipment. The Matchmaker solves these problems with less than 0.02% THD, 20Hz to 20kHz with +0/-0.25dB response, and over 98dB of dynamic range. The Matchmaker performs exceptionally thanks to design features including its transformer balanced outputs.

Matchmaker	60AIMM100	*MFR LIST*	**$299.00**

Accessory:
Rack panel holds one or two units in a single rack space.

	60AI20273	*MFR LIST*	**$25.00**

Call Bradley for a current price quotation.

Z-1SRC by Z Systems

NEW

The Z-1SRC Sample Rate Converter lets you go from one digital audio rate to another. Its 100% digital design provides affordable, quality audio conversion: CD to DAT, varispeed to 44.1, DAW to digital mixer, and many other applications. Features include jitter reduction, format conversion, and external sync. Ins and outs are AES/EBU, S/PDIF, coax, optical, and XLR.

Z-1SRC	60ZSZ1SRC	*MFR LIST*	**$995.00**

Call Bradley for a current price quotation.

Radio Design Labs Rack-Up Series

Call them "studio aspirin tablets" because they're great medicine for your audio headaches. The Rack-Up Series mount anywhere, just like the familiar Stick-Ons (page 84). But the appeal of Rack-Ups is in their rack design: you can mount up to three products in a rack space using the separate hardware kit.

Connections are on full-size barrier strips. Each model provides a write-on area on the front panel for custom labeling. Power is provided by a 24V supply, sold separately; in many cases one supply can power multiple units. Ask us for details.

The RU-DA4D is a distribution amp providing four stereo (or eight mono) isolated outputs with individual level sets. The presence of audio is indicated by an LED for each channel. It handles balanced or unbalanced, high or low impedance lines.

The RU-MX5 is a five-channel mixer. Four inputs can accept either mic or line; the fifth is line. A jumper provides 24VDC phantom voltage to any or all mics. The mixer has a mic output and a line output, both balanced. Output levels are shown on three LED indicators. A separate MIX input lets you wire in an external source (like another mixer), so you can expand.

For precision metering, **the RU-SM12** is a quality left/right level meter in 1/3 of a rack width. Choose between average or peak, stereo or mono operation. L+R/L-R metering, set with a jumper, allows you to identify out-of-phase signals. The bright LED's are clearly visible.

Call Bradley for a current price quotation.

RU-MX5 Mic/Line Mixer (order power supply and rack kit separately)
60RDRUMX5 *MFR LIST* **$189.00**

RU-DA4D Distribution Amp (order power supply and rack kit separately)
60RDRUDA4D *MFR LIST* **$189.00**

RU-SM12 Audio Meter (order power supply and rack kit separately)
60RDRUSM12 *MFR LIST* **$169.00**

Accessories:

RU-RA3 19" Rack Adapter (holds any three Rack-Ups)
60RDRURA3 *MFR LIST* **$23.95**

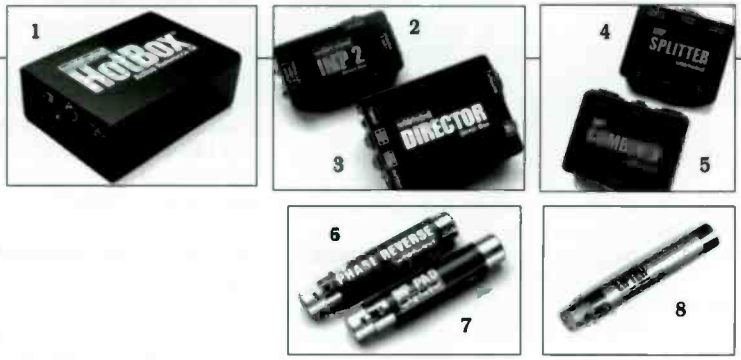
RU-FP1 Filler Panel/Reverse Mount Kit
60RDRUFP1 *MFR LIST* **$6.95**

PS-24A Power Supply 60RDXFMR *MFR LIST* **$13.95**

Hardware for special surface mounting and extra label kits are available.

Bradley: A new address, same reliable service and great prices.

Whirlwind Accessory Boxes



(1) **The Hot Box** active direct box offers electronic circuitry that eliminates low-end saturation, produces wide bandwidth with no signal loss, and provides non-colored sound. Includes an LED "on" indicator, a +15dB, Flat, -40dB switch, and a ground-lift switch. Power it with either two 9V batteries or 48V phantom.
Hot Box 61WHHB **$125.00**

(2) **IMP 2** is a high quality passive direct box with a ground lift switch and bridged output.
IMP 2 61WHIMP2 **$39.00**

(3) **Director** direct box combines road durability with great studio performance. Loading, distortion, and signal loss are eliminated by the TRHL-M transformer and custom circuitry. Mu-metal shielding is included for EM and RF isolation. With no need for a battery or external power, you avoid related problems.
Director 61WHDIR **$62.00**

(4) **IMP Splitter** allows a single input to be split into two or three signals. Low impedance.
1x2 61WHMS2 **$52.50**
1x3 61WHMS3 **$59.00**

(5) **IMP Combiner** combines two low impedance signals into one low impedance output. Features phase reverse switch to match phase or to throw mics out of phase for special effects.
IMP Combiner 61WHCOMB **$49.00**

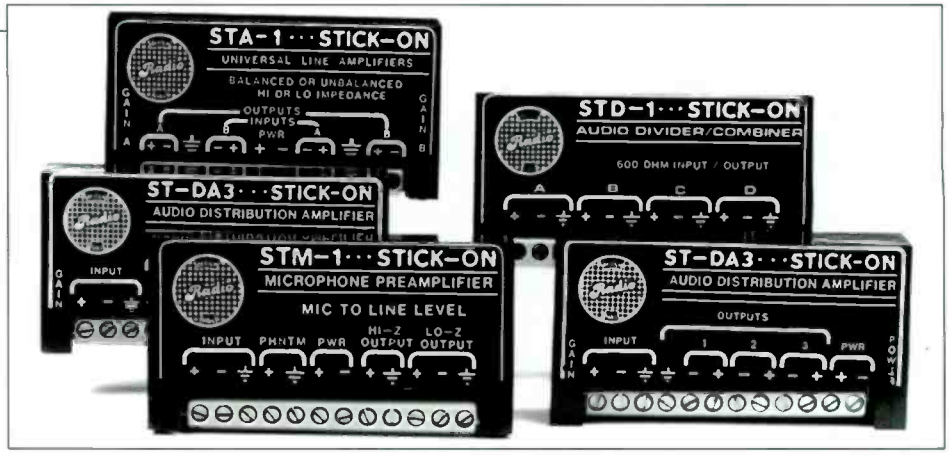
(6) **Phase Reverse** is a handy "back pocket" adapter for reversing phase on low impedance lines. XLR connectors.
Phase Reverse 61WHPR **$17.50**

(7) **IMP Pads** provide fixed attenuation on low impedance lines. XLR connectors.
10dB pad 61WHPAD10 **$22.25**
20dB pad 61WHPAD20 **$22.25**
30dB pad 61WHPAD30 **$22.25**

(8) **Lifter** is a handy in-line device for ground lift at pin-1 on an XLR line.
Lifter 61WHGL **$17.00**

Radio Design Labs Stick-On Series

This page is a treasure trove. Look closely! Each Stick-On can attach anywhere with its adhesive backing; each is only 1/2" x 1-1/2" x 3". All products work in high RF environments and carry a three year limited warranty. RDL adds models every year; call us for the latest! Items with an asterisk (*) require a separate power supply; see accessories, below.



STM-1/STM-2 Microphone Preamplifiers provide 150/600 ohm balanced inputs with phantom power available, and two outputs, one 600 ohm balanced, the other 10k unbalanced. The STM-1 has a fixed gain of 50dB, while the STM-2 has a variable gain to 65dB. Specifications include 0.05% THD and response 50Hz to 30kHz, ±1dB.

STM-1 * 60RDSTM1 *MFR LIST* **$79.95**
STM-2 * 60RDSTM2 *MFR LIST* **$109.95**

ST-MX3 Line Level Mixer has three adjustable line level inputs and a single output. It allows you to combine signals of different levels, impedances, or balanced/unbalanced configurations.

ST-MX3 * 60RDSTMX3 *MFR LIST* **$94.95**

Also available:
ST-MMX3 Mic to Line Level Mixer is similar, but inputs are at mic level while the output is line level.

ST-MMX3 * 60RDSTMMX3 *MFR LIST* **$104.95**

ST-SX4: Four-input Audio Switcher accepts unbalanced sources, any of which may be selected to feed the unbalanced output, or all may be switched off. Allows audio selection from a remote location, and remote switching with a single control pair. You get 23dB of headroom, typical distortion of 0.05%, response of 15Hz to 40kHz ±0.5dB.

ST-SX4 * 60RDSTSX4 *MFR LIST* **$69.95**

ST-DA3 Distribution Amplifier allows bridging of any line and driving almost any load. Master gain adjustment provides up to 20db of gain. One input, three outputs. Use two for stereo.

ST-DA3 * 60RDSTDA3 *MFR LIST* **$104.95**

Also available:
STM-DA3 feeds one 150 ohm mic signal to three isolated inputs.

STM-DA3 *60RDSTMDA3 *MFR LIST* **$104.95**

STA-1M Audio Line Amplifier has a gain range of -14dB to +7dB when using the balanced I/O. When using the unbalanced I/O, the gain range is -7dB to +14dB. Single channel.

STA-1M * 60RDSTA1M *MFR LIST* **$82.95**

ST-PH1 Stereo Phono Preamp makes it easy to preamplify phono levels close to the turntable for best audio performance. Equalization follows the RIAA curve and is accurate and quiet.

ST-PH1 * 60RDSTPH1 *MFR LIST* **$104.95**

STP-1 Attenuator is useful for reducing input levels to improve headroom, or other applications. Each STP-1 has two variable modified "H" pads providing up to 85dB attenuation. A 15 turn trim pot allows precise adjustment of levels.

STP-1 60RDSTP1 *MFR LIST* **$43.95**

STA-1 Electronic Transformer Pair combines an electronic line transformer and adjustable 20dB gain amplifier. There are two circuits in each unit for stereo operation. Typical applications include: balanced to unbalanced interface, unbalanced to balanced bridging amp, monaural combiner, stereo splitter, and Hi-Z amplifier.

STA-1 * 60RDSTA1 *MFR LIST* **$112.95**

STD-1 Divider/Combiner is a passive, four channel device where any channel may be an input or output. It may be used to branch a 600 ohm line to three inputs, combine stereo signals to a mono input, branch or combine 150 ohm mic signals, or divide a mono signal to apply stereo inputs.

For 150-ohm 60RDSTD1150 *MFR LIST* **$38.95**
For 600-ohm 60RDSTD1600 *MFR LIST* **$38.95**
For 10k-ohm 60RDSTD10K *MFR LIST* **$38.95**

ST-VCA1 Voltage Controlled Amplifier allows you to control audio remotely with a DC voltage. The built-in mic preamp allows any combination of mic or line level inputs and outputs. A standard 10k linear taper pot (not included) is used for control.

ST-VCA1 * 60RDSTVCA1 *MFR LIST* **$93.95**

ST-ACR Audio Controlled Relays allow you to control switching from any audio signal. Multi-turn sensitivity adjustments cover the range from mic to line level. Relay release can be adjusted from 1/2 to 5 seconds on the ACR1, and from 5 to 50 seconds on the ACR2. Double-pole, double-throw switching contacts are provided. A "slave" terminal connects Stick-On logic controlled relays (see below).

ST-ACR1 * 60RDSTACR1 *MFR LIST* **$74.95**
ST-ACR2 * 60RDSTACR2 *MFR LIST* **$74.95**

Call Bradley for a current price quotation.

ST-LCR1/ST-LCR2 Logic Controlled Relays provide double-pole, double-throw switching contacts, open-collector outputs, and an LED indicator of relay closure. Dual inputs.

ST-LCR1 * momentary action
60RDSTLCR1 *MFR LIST* **$57.95**
ST-LCR2 * alternate action
60RDSTLCR2 *MFR LIST* **$85.95**

Also Available:

ST-OSC2A * Dual Audio Oscillator, 1 and 10kHz
60RDSTOSC2A *MFR LIST* **$74.95**
ST-OSC2B * Dual Audio Oscillator, 100 and 400Hz
60RDSTOSC2B *MFR LIST* **$81.95**
ST-SH1 * Stereo Headphone Amp
60RDSTSH1 *MFR LIST* **$94.95**
ST-VOX1 * Voice Activated Relay
60RDSTVOX1 *MFR LIST* **$79.95**
ST-PA2 * 2-watt Utility Power Amplifier
60RDSTPA2 *MFR LIST* **$52.95**
ST-PA6 * 6-watt Utility Power Amplifier
60RDSTPA6 *MFR LIST* **$72.95**
ST-MLX3 * Mic/Line Mixer
60RDSTMLX3 *MFR LIST* **$99.95**
STM-3 * Microphone Preamplifier
60RDSTM3 *MFR LIST* **$125.95**
ST-MPA2 * Mic Phantom Adapter
60RDSTMPA2 *MFR LIST* **$68.95**
ST-AMC3 * Active Mic Combiner
60RDSTAMC3 *MFR LIST* **$94.95**
ST-EQ3 * 3-Band Equalizer
60RDSTEQ3 *MFR LIST* **$73.95**
ST-CL1 * Compressor/Limiter
60RDSTCL1 *MFR LIST* **$115.95**
ST-SSR1 * Solid State Audio Relay
60RDSTSSR1 *MFR LIST* **$81.95**

Accessory:

DC Power Supply for (*)
60RDXFMR *MFR LIST* **$13.95**

STR-19 Rack Mount Kit Holds up to 12 Stick-Ons behind its 5-1/4" hinged panel.

STR-19 60RDSTR19 *MFR LIST* **$99.95**

Shure Problem Solvers and Impedance Transformers

Handy in-line tools with XLR connectors can make life simple. These are only 4-1/2" long and 3/4" in diameter, and are color coded for quick identification. Except as noted, they are designed to be used with 150 ohm low level equipment.

Bridging transformer matches balanced or unbalanced devices of different impedances (33 kilohm primary, 600 or 7500 ohm secondary).
61SHA15BT *MFR LIST* **$49.25**

Phase reverser instantly reverses phase of a balanced line of any level. Switchable and can be used in either direction.
61SHA15PRS *MFR LIST* **$47.00**

Tone generator produces a continuous 700Hz signal capable of driving low impedance balanced lines. Battery operated.
61SHA15TG *MFR LIST* **$79.50**

Low pass filter provides a high frequency cutoff to reduce objectionable HF noises.
61SHA15LP *MFR LIST* **$47.00**

High pass filter provides a low frequency cutoff to reduce unwanted LF noise.
61SHA15HP *MFR LIST* **$47.00**

Response shaper provides sibilance filtering (removes presence peak) for recording, broadcasting, and PA applications.
61SHA15RS *MFR LIST* **$47.00**

Line input adapter converts low impedance microphone input to bridging line-level input. May be driven from source of up to 50 kilohms and 24dBm.
61SHA15LA *MFR LIST* **$45.00**

Mic attenuator provides 15, 20, or 25dB attenuation to prevent preamp overload. Switchable.
61SHA15AS *MFR LIST* **$48.00**

Presence adapter adds presence to vocals or instruments.
61SHA15PA *MFR LIST* **$47.00**

Impedance Transformers

Shure A95U in-line impedance matching transformer with male XLR connector. Male and female 1/4" adapters supplied.
61SHA95U *MFR LIST* **$39.75**

Shure A95UF in-line impedance matching transformer with female XLR connector. Male and female 1/4" adapters supplied.
61SHA95UF *MFR LIST* **$43.50**

Whirlwind Little IMP in-line impedance matching transformer with female XLR connector to male 1/4" connector.
61WHLI *MFR LIST* **$15.98**

Call Bradley for a current price quotation.

Excalibur IA-1 Interface Amplifier

Don't let level and impedance mismatches keep you from connecting good, affordable consumer equipment to your pro gear. This is a compact two-way, stereo unit with adjustable I/O levels. Frequency response is ±0.2dB, DC to 25kHz; THD <0.006%; noise >90dB below operating level; and >75dB common mode rejection on the balanced input stages. Barrier strips provide gas-tight connections on the balanced inputs and outputs, with RCA phono jacks on the unbalanced I/O.

IA-1 60EXIA1 **$165.00**

Excalibur APA-1 All Purpose Amplifier

Summing, splitting, matching, interfacing: the APA-1 does it all. The dip switches let you set it quickly, and its clean audio makes it at home in the highest quality facilities. Use it as a stereo line amp, 1 by 2 splitter, 2 to 1 summer, mix-minus amp, level and impedance interface, active phase inverter, or headphone amp. Inputs and outputs are on barrier strips.

APA-1 60EXAPA1 **$149.00**

Accessory:
Rack Mount Kit
60EXAPA1R **$15.00**

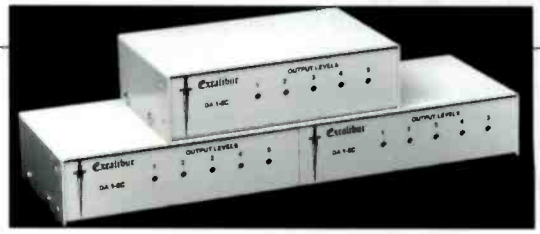
Excalibur "H" Pads

"H" pads save you the trouble of brewing at home. Metal 1% film resistors assure accurate losses and low noise. A threaded stud allows easy mounting. "H" pads are available in 6, 10, 20, and 50dB losses, and to use as a blank PC board for making your own. Custom values are also available. Call for info.

Minimum order: 10 pads of any mix.

6dB 600 ohm	60EX6H	**$2.25**
10dB 600 ohm	60EX10H	**$2.25**
20dB 600 ohm	60EX20H	**$2.25**
50dB 600 ohm in/150 ohm out	60EX50H	**$2.25**
Blank pad	60EXBH	**$2.10**

Excalibur Distribution Amplifiers



Excalibur's product lineup is full of useful devices, and these DA's are typical. The DA1-5C has one input and five outputs, while the DA2-5C has two 1 by 5 DAs. Their size allows you to hide them almost anywhere. Optional rack ears mount either model in only one rack unit. Balanced I/O is on barrier strips. S/N >80dB at unity gain, input common mode rejection is greater than 75dB at 1kHz, and THD is less than 0.01%. Maximum gain is 18dB and maximum input and output levels are +22dBm.

DA1-5C 1x5	60EXDA15	**$180.00**
DA2-5C Dual 1x5	60EXDA25C	**$270.00**

Accessories:

Rack ears for DA1-5C	60EXDA15R	**$15.00**
Rack ears for DA2-5C	60EXDA25CR	**$15.00**

Radio Systems Distribution Amplifiers

Found in racks the world over, Radio Systems DAs are quiet, durable, proven. Front panel independent level adjusts, balanced bridging inputs, balanced low impedance outputs, barrier strip connectors, and super low noise and distortion combine to make them a sure fire investment.

Response is within a tenth of a dB of 20Hz-20kHz, gain is up to +26dB without pad, and distortion is below 0.01%.

DA-8 (8 Mono)	60RSDA8	*MFR LIST*	**$340.00**
DA-16 (8 Stereo/16 Mono)	60RSDA16	*MFR LIST*	**$425.00**

Call Bradley for a current price quotation.

Audioarts Model 8400 Distribution Amplifier

NEW

Choose the 8400 for its flexibility and ease of connection. It can be used as an eight output stereo DA, or as four 1x4 DA's, using rear panel jumpers. That's 16 total outputs, each with its own front panel recessed gain trim. All inputs and outputs are on separate connectors. The 8400 uses convenient plug-on, three-conductor connectors (mating plugs supplied). No pinching or stray strand shorting.

Expect flat response from 20Hz to 20kHz (within one tenth of a dB), THD+N typically under 0.002%, and a 121dB dynamic range.

8400	60WSDA8400	*MFR LIST*	**$499.00**

Call Bradley for a current price quotation.

Henry Matchbox

Bradley Best Seller

Matchbox is a brand name for this popular impedance and level matching device. It is a four-amplifier unit used to interconnect IHF (-10dBV) with professional broadcast (+4dBm) equipment. Full bi-directional stereo interface is provided. All circuitry is active and direct coupled. Excellent specifications, and convenient AC outlet is provided.

Matchbox	60HEMATCH	*MFR LIST*	**$195.00**

Call Bradley for a current price quotation.

Henry Superelay

The name says it. Superelay is for broadcast control rooms, A/V systems, or any installation requiring multiple circuit control. It's ideal for controlling the various equipment functions that need to be switched when, for example, a control room mic is turned on.

Superelay can be controlled by any external momentary or maintained switch, or by CMOS/TTL. It provides six double pole relays used for low-voltage and audio switching, and a switched AC output will directly power up to 300 watts of warning lights (without buzz, pops, or arcs) and make them flash using its defeatable flasher. Superelay can also be connected to any dial-up phone line for control of equipment when the line rings.

Superelay	60HESR	*MFR LIST*	**$250.00**

Call Bradley for a current price quotation.

ATI System 10,000 Modular Amps

The ATI System 10,000 lets you mix distribution amps, mic amps, and line amps in each chassis. Each 5-1/4" rack can hold up to ten modules and two redundant power supplies.

Common System Components:

Rack frame 60AIRM100 *MFR LIST* **$335.00**

PS100 power supply. Two may be installed in each frame. 60AIPS100 *MFR LIST* **$315.00**

Distribution Modules:

DA100 basic 1x6 DA with active balanced outputs. Single level control for all outputs and a headphone monitor jack are on the front panel.
60AIDA100 *MFR LIST* **$250.00**

MDA100 is similar to the DA100, and adds an LED bargraph meter and an alarm output that warns of a dead channel.
60AIMDA100 *MFR LIST* **$335.00**

CDA100 adds a gated compressor to the MDA100.
60AICDA100 *MFR LIST* **$395.00**

IDA100 is a 1x6 DA with independent adjustment of all outputs, master level control, and front panel headphone jack.
with transformer balanced outputs
60AIIDA1001 *MFR LIST* **$385.00**
with active balanced outputs
60AIIDA1002 *MFR LIST* **$299.00**

MIDA100 is similar to the IDA100, and adds an LED bargraph meter.
with transformer balanced outputs
60AIMIDA1001 *MFR LIST* **$462.00**
with active balanced outputs
60AIMIDA1002 *MFR LIST* **$395.00**

MIDA100-1RC is similar to the MIDA100, and adds VCA remote control capabilities.
60AIMIDA100RC *MFR LIST* **$495.00**

SDA200 stereo 1x4 DA with two inputs into eight active balanced outputs. Switch selection of stereo, L+R/L-R, left only, or right only outputs.
60AISDA200 *MFR LIST* **$299.00**

SMDA200 is similar to the SDA200, and adds an LED bargraph meter.
60AISMDA200 *MFR LIST* **$399.00**

Line Amp Modules:

LA100 single line amp has a headphone jack and screwdriver adjust level control.
with transformer balanced output
60AILA1001 *MFR LIST* **$289.00**
with active balanced output
60AILA1002 *MFR LIST* **$249.00**

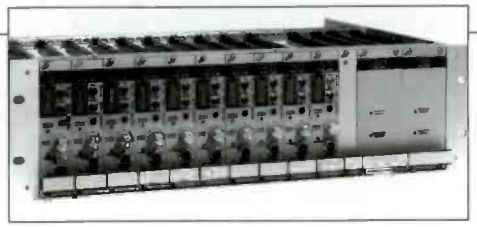
MLA100 single line amp has the features of the LA100 plus metered I/O.
with transformer balanced output
60AIMLA1001 *MFR LIST* **$339.00**
with active balanced output
60AIMLA1002 *MFR LIST* **$299.00**

LA-200 is a dual line version of the LA100 amplifier module.
with transformer balanced output
60AILA2001 *MFR LIST* **$339.00**
with active balanced output
60AILA2002 *MFR LIST* **$269.00**

MLA-200 is a metered version of the LA-200.
with transformer balanced output
60AIMLA2001 *MFR LIST* **$399.00**
with active balanced output
60AIMLA2002 *MFR LIST* **$329.00**

Note: System 10,000 line amps may also be ordered with optional knobs and/or remote DC gain control.

Call Bradley for a current price quotation.



Microphone Amp Modules:

MA-100 microphone amp provides adjustable gain with front panel knob and includes phantom power.
with transformer balanced output
60AIMA1001 *MFR LIST* **$299.00**
with active balanced output
60AIMA1002 *MFR LIST* **$259.00**

MMA-100 adds a meter to the MA-100.
with transformer balanced output
60AIMMA1001 *MFR LIST* **$349.00**
with active balanced output
60AIMMA1002 *MFR LIST* **$309.00**

MA-200 is a dual line version of the MA-100.
with transformer balanced output
60AIMA2001 *MFR LIST* **$359.00**
with active balanced output
60AIMA2002 *MFR LIST* **$289.00**

MMA-200 adds a meter to the MA-200.
with transformer balanced output
60AIMMA2001 *MFR LIST* **$429.00**
with active balanced output
60AIMMA2002 *MFR LIST* **$349.00**

Note: System 10,000 mic amps may also be ordered with optional remote DC gain control.

Accessories:

Blank panel for amp module space
60AIBP1001 *MFR LIST* **$25.00**
Blank panel for power supply space
60AIBP1002 *MFR LIST* **$30.00**

ATI Microamp Distribution Amplifiers

When your studio design calls for a better DA, choose the ATI Microamp Series. It's more than just a DA with a front panel headphone jack. Each model also has LED metering with switchable calibration and input overload indicators. Set levels with individual output adjustments. RF rejection of all models is excellent. For the absolute best RF rejection, choose transformer outputs; for maximum output, specify balanced differential outputs.

Critical specs: Up to 24dB of gain; response 30Hz-20kHz, ±0.25dB; slew rate 13V/microsecond; typical distortion 0.005%, maximum 0.1%; and outputs at +22dBm. Need even more headroom? Models with +30dBm are available at extra cost.

Single 1x8 w/transformer outputs
60AIDA10081 *MFR LIST* **$945.00**

Single 1x8 w/differential outputs
60AIDA10082 *MFR LIST* **$820.00**
Dual 1x8 w/transformer outputs
60AIDA20161 *MFR LIST* **$1395.00**
Dual 1x8 w/differential outputs
60AIDA20162 *MFR LIST* **$1145.00**

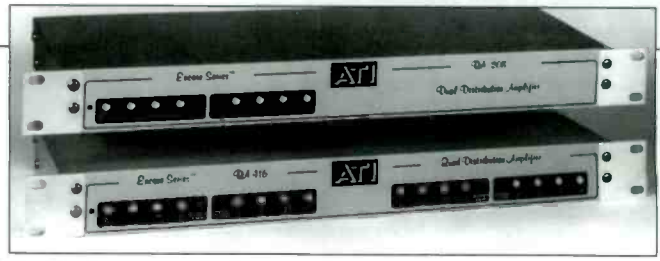
Call Bradley for a current price quotation.

ATI Encore Distribution Amps

Bradley Best Seller

A Bradley Best Seller for good reasons, including superior audio quality and practical configurations. This DA system comes in either two or four sections of 1x4. Paralleling inputs allow you to select 1x4, 1x8, 2x8, or 1x16 set-ups. The front panel provides adjustment of individual output amps and has clipping indicators for each output set. Outstanding RFI suppression.

Expect 13V/µsec slew rate, 60dB CMRR at 60Hz, THD max 0.1%, SMPTE IMD max 0.05%, 30Hz to 20kHz ±0.25dB, S/N 75dB at 20dB gain (ref: +18dBm out). Terminations are barrier strip, and XLR termination panels are available at extra cost.



Call Bradley for a current price quotation.

DA208 with two 1x4 sections

60AIDA208 *MFR LIST* **$369.00**

DA416 with four 1x4 sections

60AIDA416 *MFR LIST* **$539.00**

Henry Engineering U.S.D.A. & MicroMixer

No, it's not another giant government agency. It's a Henry box that lets you combine, as well as split, audio signals. It's the U.S.D.A., short for Universal Summing and Distribution Amplifier. It has two inputs (one stereo pair) and four outputs (two stereo pairs). While it can be used as a conventional 1x4 or 2x2 distribution amp, you get the added ability of either stereo input to be combined into dual mono without affecting the other output. Up to 20dB of gain is available, adjustable individually on each output.

The MicroMixer has four balanced inputs that can be individually assigned to its two balanced outputs. Used alone, or with the U.S.D.A., the MicroMixer is a high quality method of combining stereo to mono, creating mix-minus or monitor busses, and numerous other uses. Each unit's balanced outputs are isolated and will drive a 600 ohm load to +25dBm with less than 0.01% THD. The bridging inputs accept a wide range of both balanced and unbalanced sources.

U.S.D.A.	60HEUSDA	*MFR LIST*	**$195.00**
MicroMixer	60HEMM	*MFR LIST*	**$195.00**

Call Bradley for a current price quotation.

Aphex 120 Distribution Amplifier

The 120 high performance DA has one input, four outputs with individual front panel level controls, and one unity gain direct output. The wide, flat frequency response (5Hz to 100kHz, +0, -0.5dB) allows the 120 to be used in the most critical applications, as well as distributing SMPTE time code if necessary. The 120 boasts THD 0.002% at +4dBm and hum and noise better than -90dBm at unity gain. XLR input and output connectors and maximum RF shielding make the 120 suitable for both studio and field use. Compact enough for two to fit side by side in the rack.

Accessory:

Rack mount kit holds one or two units in a single rack space.

60AP44008 *MFR LIST* **$29.95**

120	60AP120	*MFR LIST*	**$319.00**

Call Bradley for a current price quotation.

Burk LX-1 Six-Input Stereo Selector

Burk's unit allows you to integrate numerous sources — studios, feeds, players — through one master control unit. With the LX-1, the transition from source to source is smooth and levels remain constant. The LX-1 can be connected to your remote control system for remote program switching. Matches -10 IHF to +4 PRO inputs, so you need no external matching equipment. The LX-1 also allows mixing of two studio sources, or lockout of all audio sources. Tally indications are provided for each source, making clear which is active. Individual start and stop pulses are available for each source, a feature which lets you use the LX-1 to start a fill tape, reset automation, or activate an EBS generator.

LX-1	60AVLX1	*MFR LIST*	**$1295.00**

Call Bradley for a current price quotation.

360 Systems AM-16/B Routing Switcher

Replace patch panels and cumbersome switchers with a compact, expandable system. You configure the AM-16/B as either a 16 x 16 mono or an 8 x 8 stereo matrix. The companion AM-16/E slave unit operates in parallel to provide more simultaneous inputs. Combine one master and one slave unit for 16 x 16 stereo operation. Additional slaves may be used for multi-channel applications or for custom matrices.

All inputs and outputs are electronically balanced, and both RS-422 and MIDI remote control facilities are provided. Configurations may be stored in any of 100 memory locations, allowing recall of individual patches or complex "salvos." The front panel includes single ended jacks with the input and output of two mono channels or one stereo pair, to serve as test points or for an emergency patch. Specifications are impeccable. Frequency response is ± 0.5dB, 20Hz to 20kHz. Distortion is less than 0.008% THD+N, DC to 20kHz @ +22dBm. Signal to noise is 105dB unweighted, and crosstalk is 99dB at 1kHz and 83dB at 20kHz, any channel to any other.

The optional AM-16/R is a single space remote control station that operates on the EIA-485 control bus for X-Y and salvo switching. It controls up to four AM-16/B's or may be used in multidrop configurations.

AM-16/B Switcher	60TH16B	*MFR LIST*	**$1495.00**
AM-16/E Expander	60TH16E	*MFR LIST*	**$995.00**
AM-16/R Remote Station	60TH16R	*MFR LIST*	**$695.00**

Call Bradley for a current price quotation.

Conex AS-101 Routing Switcher

Expand a mixer's input, or set up a very simple automation system, or solve other studio problems with the AS-101.

It's a 10x1 stereo routing switcher that can be programmed for "overlap" switching, which prevents the source from turning off until the trailing edge of the command strobe which turns on the new source. Inputs may be individually switched for 10K bridging or 600 ohm terminating. Audio connections are via plug in screw clamp terminal blocks, and all audio paths are transformerless balanced. The control format is four-level BCD plus strobe, ground, and 12VDC. Several control heads may be operated in parallel.

An auxiliary rack mount chassis accepts option boards for relay based machine control, RS-232/422 interface, and a system controller board. The system board allows the AS-101 to function as a simple automation system when controlled by an inexpensive personal computer. Call for the full list of Conex options.

AS-101 Switcher	60CNAS101	*MFR LIST*	**$895.00**
Accessory:			
Single unit remote control	60CNAS401	*MFR LIST*	**$150.00**

Call Bradley for a current price quotation.

Logitek Pre-10 and Mon-10 Switchers

The Pre-10 is a passive 10x2 stereo routing switcher with barrier strip terminations. The Mon-10 is a 10x1 stereo passive switcher with wire-capture terminal blocks and front panel switching to look at Left, Right, L+R, or L-R and feed the selected signal to the VU meter and internal monitor amp. Meter sensitivity may be selected over a 50dB range in 10dB steps. The monitor amp feeds the front panel speaker, a front panel headphone jack, and rear panel speaker connections.

Pre-10	60LTPRE10S	*MFR LIST*	**$560.00**
Mon-10	60LTMON10	*MFR LIST*	**$855.00**

Call Bradley for a current price quotation.

Henry StereoSwitch

NEW

Simple enough: the StereoSwitch is a three-input audio switcher, accepting up to three stereo balanced sources, selecting one, and routing it to the stereo balanced output. Use it as a studio switcher, line selector, or for auto source selection under the control of an automation system.

Program it internally to select one input automatically when AC power comes up. Tally outputs will drive remote status indicators.

It uses sealed relays with gold-plated contacts, and is "transparent" since it puts no circuitry in the audio path. Control it with any momentary or maintained contact closure, open collector, TTL/CMOS logic, or DC voltage from 5-24 volts. Audio connections are barrier strip.

StereoSwitch
60HESTS *MFR LIST* **$250.00**

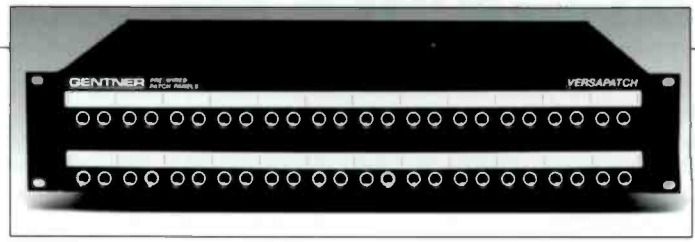
Call Bradley for a current price quotation.

Gentner Versapatch II Audio Patch Panels

Versapatch II provides the convenience of a quality chassis-enclosed patch bay with rear panel punch down termination. Each unit has wide designation strips, a rear strain relief bar for cable tie down, and protection against dust and RFI. Flexiblock termination permits a high density of connections in a small space and allows the use of stranded wire. A half normalled (i.e. top-row-bridging) version is also available.

Versapatch II termination normalled at bay
60GEVPAB *MFR LIST* **$749.00**

Versapatch II termination normals brought out
60GEVPBO *MFR LIST* **$1049.00**



Versapatch II top-row-bridging
60GEVPTRB *MFR LIST* **$749.00**

Call Bradley for a current price quotation.

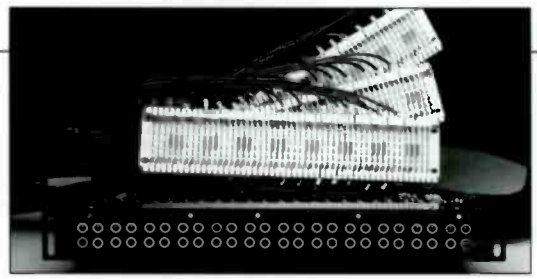
Gentner Pre-Wired Audio Patch Panels

Let Gentner and Bradley provide the exact pre-wired patch panel you need. The examples below are our most popular models. Call your Bradley professional for assistance in completing your installation on time and on budget.

Model 48DR-TRS-AB-XX has 48 quarter-inch tip-ring-sleeve jacks in two rows with stereo offset spacing, normalled at the bay, with your choice of Flexiblock, punchblock, or SuperPatch termination. Price varies with termination selected and length of cable harness.

Model 48DR-TRS-BO-XX is similar to the above, except the normals are brought out to the termination.

Model 48DR-TRS-TRB-XX is similar to the above, except the top row of this normalled bay is bridged to permit monitoring from the bay.



Other patch bays available include 52 quarter-inch jacks in two evenly spaced rows; 96 bantam jacks in two offset rows; and single row bays of 24 or 26 quarter-inch jacks. Panels are also available unterminated, with barrier block termination, with EasyTerm or "Christmas trees", or with any termination you provide. Cables are bundled to the left as viewed from the rear of the panel.

Call Bradley for a current price quotation.

Switchcraft Connectors And Adapters

Connectors (Solder type)		
Inline TS 1/4" phone M	61WHSW280	**$1.58**
Inline TRS 1/4" phone M	61WHSW297	**$3.97**
Inline 1/8" TS MINI M	61WHSW780	**$3.35**
Inline Phono (RCA) M	61WHSW3502	**$1.25**
Philmore Inline 1/8" TRS Mini M	61WHSW502M	**$2.00**
Adapters (User assembly required)		
1/8" TS F to 1/4" TS M	61WHSW364	**$6.60**
XLR F to 1/4" TRS F	61WHSW383A	**$13.90**
XLR M to 1/4" TRS F	61WHSW384A	**$12.90**
XLR F to 1/4" TRS M	61WHSW386A	**$13.25**
XLR M to 1/4" TRS M	61WHSW387A	**$12.50**
XLR F to XLR F	61WHSW389	**$12.80**
XLR M to XLR M	61WHSW390	**$10.85**
XLR M to XLR F	61WHSWS3FM	**$11.15**

M=Male, F=Female

Also see our full selection of Har-Ken adapters on the next page.

Connect with Bradley at 800-732-7665

Har-Ken Specialties Adapters

Bradley Best Seller

We've got XLR adapters, phase reversers, audio pads, phone interfaces, and other gratifying gadgets from Har-Ken Specialties. Har-Ken makes other pleasing devices too. Call us for their full line card.

XLR Universal Two-Fer
Connect any two cables regardless of the gender of their XLR connectors. The Two-Fer is the adapter in the center of our photo, with two barrels and a connecting cable. 60HK115 **$39.94**

NEW

Telephone Interface
The HK128X will interface a standard phone instrument to your audio system with a single handset cord and standard XLR connectors.
60HK128X **$42.75**

XLR Adapters
Crunched for time and need to mate an XLR to something else? Open your parts drawer, breathe a sigh of relief, and pull out one of these. Specify male or female XLR connector by adding an "M" or "F" in place of "X" in our part number.

XLR to: (adapter termination)		Price
Three terminal barrier strip	60HK104X	$16.88
Mini quick connect wire capture	60HK118X	18.00
Triple binding posts, side mounted	60HK119X	24.75
Triple binding posts, rear mounted	60HK103X	24.75
1/4" tip sleeve	60HK108X	47.25
Phono (RCA) jack (female)	60HK107X	15.75
Phono (RCA) plug (male)	60HK110X	15.75
Mini-plug (TS wired to pins 2 & 3)	60HK121X	15.75
Mini-jack (TS wired to pins 2 & 3)	60HK122X	15.75

XLR to: (adapter termination)		Price
Bantam patch field jack	60HK109	$31.50
BNC (coax shield & XLR body isolated)	60HK106X	14.34
RJ11C Modular telco 6 pin jack	60HK116X	15.75
RJ11C Modular telco 6 pin plug	60HK126X	18.25
RJ9 Modular telco handset 4 pin jack-transmit	60HK117TX	15.75
RJ9 Modular telco handset 4 pin jack-receive	60HK117RX	15.75
RJ9 Modular telco 4 pin plug-transmit	60HK127TX	18.25
RJ9 Modular telco 4 pin plug-receive	60HK127RX	18.25

Replace "X" with "M" or "F" to specify gender of XLR

Inline Switchable Audio Pad with XLR connectors
Allows attenuation from 10dB to 40dB in 2dB steps.

600/600 ohm pad	60HK1126	$61.59
150/150 ohm pad	60HK1121	$61.59
600/150 ohm pad	60HK11261	$61.59

Phase Reversal & Ground Lifter
Puts both of these functions into a single, compact inline unit with XLR connectors. 60HK113 **$50.34**

Polarity Tester
Uses two bipolar LEDs to indicate the polarity of the DC voltage on pins 2 and 3 of an XLR connector. 60HK125 **$32.00**

XLR Monitoring Device
Allows you to monitor moderate to high level audio. The TS mini-jack allows you to connect an ear piece or headphone. 60HK111 **$24.75**

Chassis Mount Modular Phone Jack
Replace a male or female XLR chassis plug with a modular phone jack. Some machining of the panel required for final fit. 60HK123X **$15.75**

Furman PB Series Patch Bays

The PB series patch fields come in three 40 point configurations, each housed in a solid, single-space steel chassis. Models come assembled with standard 1/4" phone jacks with either tip-sleeve (TS) or tip-ring-sleeve (TRS) front and rear, or with 1/4" TS in front and RCA jacks in the rear.

Top to bottom normalization is standard. A normal may be easily defeated by snipping a wire on that pair's circuit board.

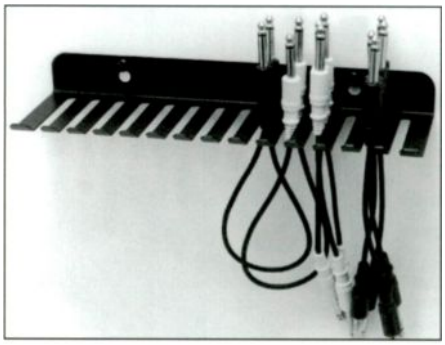
TS back to TS front	60FUPB40P	*MFR LIST*	$165.00
TRS back to TRS front	60FUPB40T	*MFR LIST*	$180.00
RCA back to TS front	60FUPB40R	*MFR LIST*	$155.00

Accessories:
Patch cords are 30" long and come in packs of 10.

Patch-P 1/4" TS connectors	60FUPATCHP	*MFR LIST*	$18.00
Patch-R RCA connectors	60FUPATCHR	*MFR LIST*	$18.00
Patch-T 1/4" TRS connectors	60FUPATCHT	*MFR LIST*	$22.00

Call Bradley for a current price quotation.

Raxxess Cable Organizer



Get your loose cables off the floor and out of your hair with the Cable Depot. Its 14 steel fingers extend to hold up to 40 cables out of the way and kink-free. Maximum cable diameter: 0.25".

61RXDEPOT **$13.95**

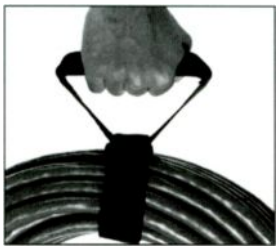
Whirlwind XLR Connectors

Beautiful XLR's for inline applications. Whirlwind's WI series features one piece, die cast housings, and 100% cable strain relief. Use with cable diameters from 0.11" to 0.31". Strain relief boots are black, with red, blue, and white available by special order.

Male inline XLR	61WHWI3MXX	**ea: $2.25**
	Box of 100	**$180.00**
Female inline XLR	61WHWI3FXX	**ea: $2.40**
	Box of 100	**$192.00**

Cord-Lox Coil 'n Carry

Organize and transport your large spools of cable. Webbing is wrapped around a doweled handle and attached to a wide Cord-Lox strap.



Coil 'n Carry 60CL419WHP **$12.60**

Neutrik Connectors

Neutrik's famous X series connectors have only four parts. They have no set screw, and crimping during assembly is not required. One piece unbreakable die cast housing, bellows-style polyurethane flex relief and chuck-type, snap on cable clamp provide secure strain relief. The standard C series is available only as right angle connectors that swivel at 45-degree intervals when assembled for maximum packing density. Both XLR types are available in nickel shell with silver contacts or black shell with gold contacts.

3 Pin XLR

Type	Shell	Part#	Price
Female Cable	Nickel	61NT3FX	**$2.62**
Female Cable	Black	61NT3FXB	**$3.82**
Female Panel	Nickel	61NT3FP	**$2.75**
Female Right Angle	Nickel	61NT3FRC	**$7.05**
Male Cable	Nickel	61NT3MX	**$2.46**
Male Cable	Black	61NT3MXB	**$3.26**
Male Panel	Nickel	61NT3MP	**$2.53**
Male Right Angle	Nickel	61NT3MRC	**$6.78**

Other Neutrik Connectors

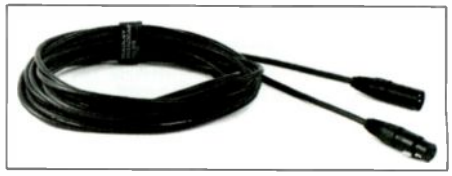
1/4" TS phone plug	61NTNP2C	**$2.57**
1/4" TRS phone plug	61NTNP3C	**$3.75**
1/4" TRS lockable chassis jack	61NTNJ3FP6C	**$5.25**

Whirlwind Wall Mounting Plates

Whirlwind's stainless steel plates fit standard single or double gang electrical junction boxes. Mounting screws are included.

Plate Part #	Connectors	Price	
Single	One female XLR	61WHWP1FW	**$9.10**
Single	One male XLR	61WHWP1MW	**$8.50**
Single	One 1/4" TRS jack	61WHWP1QW	**$10.95**
Single	Two female XLR's	61WHWP2FW	**$13.60**
Single	Two male XLR's	61WHWP2MW	**$12.95**
Single	Two 1/4" TRS jacks	61WHWP2QW	**$15.95**
Double	Four female XLR's	61WHWP4FW	**$25.00**
Double	Four male XLR's	61WHWP4MW	**$25.00**
Double	Four 1/4" TRS jacks	61WHWP4QW	**$30.00**

Bradley Assembled Mic Cables



Run your mics anywhere; our quality mic cables are up to the job. They use Neutrik XLR connectors and are available in 25' and 50' lengths. Need shorter cables, straight or coiled? See page 20.

25' cable	61WHMKS20	**$14.50**
50' cable	61WHMKS50	**$22.00**

Bradley Bulk Mic Cable

Buying our rugged, low-impedance mic cable in bulk saves you money.

60AT8300 **34¢ per foot**

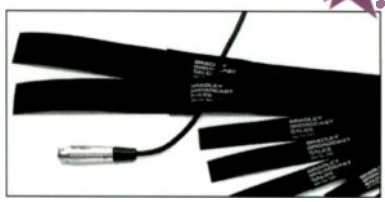
Gotham CT-1 Cable Ties

A bag of 100 reusable plastic ties will last you a long, long time. They're ideal for keeping cables neatly hanked or hung.

61NECT1 **$59.00**

Bradley Cord-Lox

Bradley Best Seller



Not a cable or wire in your facility should be without one. Cord-Lox stay with your cable, helping you store or coil. Each strap makes two loops: a cable holder to keep the strap on the line, and a larger loop to hold the coil.

Three sizes delivered from stock. Black only.

3/4" x 5" With cable holder closed at both sides. For most shorter cables. 60CL205C **$1.20**

1" x 7" With cable holder closed at both sides. For medium cables. 60CL307C **$1.29**

1-1/2" x 18" for snakes 60CL4180 **$3.48**

Custom imprinting and colors are available. Call Bradley for details.

Wire and Cables

Call Bradley Broadcast whenever you need cable. We offer low prices and prompt delivery on off-the-shelf as well as custom connectorized, multiple pair cable. These are our best sellers; we carry many other types.

West Penn 291 A champion two-conductor shielded cable with drain wire and foil shield. Signal conductors are 22 gauge stranded, and the drain conductor is 24 gauge stranded. Perfect for audio connections. Gray comes in 1000' lengths in an EZ dispenser box. 1000' spools are available in black, blue, red, white, yellow, brown, green, violet, and orange. 60WP291XX **$95.00**

West Penn 510 Two pair individually foil shielded cable with common drain wire and overall shield. Saves time when wiring stereo signals. 1000' reels.
60WP510 **$175.00**

Whirlwind Multipair Cable

Each pair of this heavy duty cable is individually twisted and shielded and has its own drain wire. Sold in multiples of 50'. Price is for a 50' length.

6 pair	61WHW06PR	**$46.50**
9 pair	61WHW09PR	**$64.00**
12 pair	61WHW12PR	**$77.50**
16 pair	61WHW16PR	**$99.00**
20 pair	61WHW20PR	**$129.50**
32 pair	61WHW32PR	**$195.00**

Assembled Speaker Cables

50 feet of 16 gauge speaker wire with chrome plated plugs. 42ME500 **$15.95**

Bulk Speaker Cable

Our heavy duty speaker cable has a black, polypropylene jacket. Minimum order is 50 feet.

14 ga, 2 conductor
61WHW14GA **36¢ per foot**

12 ga, 2 conductor
61WHW12GA **55¢ per foot**

Shrink Sleeving

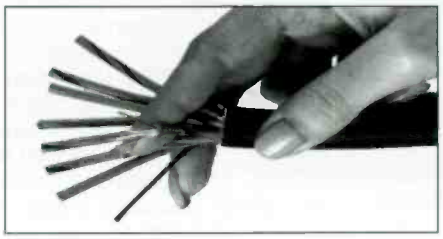
Shrunken size is approximately half of original diameter. Available in black, red, blue, white, and clear. Minimum order is 50' of any one length and color. Other sizes available.

3/16" diameter	61WHPT316	**31¢ per foot**
3/8" diameter	61WHPT38	**41¢ per foot**

Our address has changed, but not our phone number:

1-800-732-7665

Canare Star Quad Mic Cable



Star Quad gets its name from the four-conductor style construction that minimizes the "loop area" between twists of the conductors, reducing susceptibility to noise. It's designed for use with mics but is also excellent for all line-level signals. Buy it by the foot or in two reel sizes.

Bulk Star Quad per foot	60CAL4E6BK	**48¢**
656' (200m) reel	60CAL4E605XX	**$293.00**
1000' (305m) reel	60CAL4E610XX	**$445.00**

Black is the only color offered by the foot. Reels are available from stock in black, or in blue, brown, gray, green, orange, purple, red, white, and yellow by special order. Call for pricing on multipair cable with 2, 4, 8, 12, 16, and 24 pairs.

Canare Star Quad Assembled Mic Cables

5 feet	60CAEC005FBXX	**$21.75**
15 feet	60CAEC015FBXX	**$27.00**
25 feet	60CAEC025FBXX	**$31.50**
50 feet	60CAEC050FBXX	**$44.50**

Cables are made with Neutrik XLR connectors. Black is available from stock. Other colors are special order and are priced the same. Cable may be special ordered in any length. All special order cables have a minimum order of 10 cables in any mix of colors and lengths.

ATI NG-1 Audible Noise Generator

Here's a useful tool for broadband level matching of multiple microphones and measuring room response. Both pink and white noise are generated, with a smooth five octave (300Hz to 10kHz) output from the internal speaker and a ten octave (20Hz to 20kHz) output from a line level phone jack. A switchable pulse generator can interrupt the noise output every four seconds. The NG-1 is powered by an internal nine volt battery or AC power. A handy mounting bracket lets you use the NG-1 in fixed installations for noise masking.

NG-1 60AING1 *MFR LIST* **$199.00**

Call Bradley for a current price quotation.

Audio Control Industrial SA3050A Real Time Analyzer

Bradley Best Seller

No station, studio, sound reinforcement company, chief, or consulting engineer should be without the SA3050A real time spectrum analyzer, especially at this price. It's a serious, measurement-grade RTA.

For sound reinforcement, the SA3050A is used to acoustically test and adjust frequency response by using its calibrated microphone and built-in pink noise generator. It can also easily and accurately test the response of an electrical audio source like a tape recorder, telco program circuit, or mixing console via its balanced, bridging, wide level range line input. For critical, intra-circuit measurements, a 1 megohm BNC input, also with a wide level range, is included.

The LED display simultaneously shows the amplitude of each of the 30 ISO third octave frequencies between 20Hz and 20kHz. Three response times allow analysis of transient, average, or integrated response. Results of acoustical or electrical response tests using the digital pink noise generator, whose response is flat to within 0.25dB, can be viewed instantly on this simultaneous 30-band display. An individual response curve can be frozen on the display, and the the unit stores up to six response curves in its memory.

A back-up battery maintains memory for a year. Acoustical noise spectral distribution and absolute sound pressure level measurements are also in a day's work. The SA3050A is available as a basic unit or loaded with both an internal, rechargeable battery with five hour life and a parallel printer interface for use with your printer.

Basic unit
60AOSA3050A *MFR LIST* **$995.00**

Deluxe unit with rechargeable battery and printer interface (printer not included.)
60AOSA3050AX *MFR LIST* **$1300.00**

Accessories:

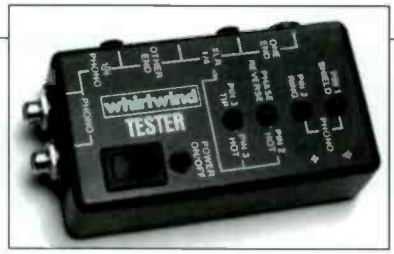
RM-10 rack mount adapter requires three rack spaces (5.25").
60AORM10 *MFR LIST* **$55.00**

SC-10 soft carrying case with pocket for mic and cables. 60AOSC10 *MFR LIST* **$59.00**

AC-10 in line filter for "A" weighted measurements.
60AOAC10 *MFR LIST* **$44.00**

Call Bradley for a current price quotation.

Whirlwind Cable Tester



Check your cables quickly and simply. In a pocket sized package, the Cable Tester accepts all of the standard audio connectors and, through the intelligent use of LED's, gives you straight ahead information about the condition and phasing of your cables.

Cable Tester	61WHTR	**$59.00**

Fostex TT-15 Tone Generator

Generate your choice of five tones with the TT-15. It includes push button selection of 40Hz, 400Hz, 1kHz, 10kHz, and 15kHz, with distortion typically less than 0.02%. An attenuator provides output levels of 0dBV, -10dBV, and -30dBV with insignificant level shift when changing from a bridging load to a 150 ohm load. The oscillator is housed in a rugged metal casing. An internal 9V battery provides reliable operation.

TT-15	60FOTT15	**$55.00**

CRL Real Time Event Sequencer

Automate repetitious tasks, whether they are firing an audio source, turning on your outdoor lighting, just about anything. The starting time of an event can be programmed to the second; the sequencer can control each month's weekly sequences of events for a year (handy for events that depend on the time of year).

The unit can trigger up to 255 events. Outputs are selectable to either latch on or provide a half or full second contact closure. The standard output mode allows any combination of eight outputs to fire at any one time; a binary encoded mode fires one of 255 external devices. New terminal software lets you back up your programmed events to computer disk. Security keylock and battery backup are included.

CRL Sequencer	60CUES	*MFR LIST*	**$895.00**

Call Bradley for a current price quotation.

Zercom TP-XT & TP-XT Satellite Version

Zercom tone processors detect and filter tones from a network feed or reel-to-reel recorder, so those sources can be used in your automation or live-assist system. The standard processor provides two independent 25Hz decoders feeding two program amplifiers with 25Hz notch filters; the satellite network version has one of the channels set instead for 35Hz. Logic outputs are C-contact relays.

Zercom TP-XT	60ZE25XT	*MFR LIST*	**$519.00**
Zercom TP-XT satellite version	60ZE35XT	*MFR LIST*	**$584.00**

Call Bradley for a current price quotation.

Conex CG-25A Tone Generator

The Conex CG-25A tone generator is used with reel tape systems to record 25Hz on either or both audio channels between selections. It also finds applications in translators, satellite systems, and cable broadcasting.

Two front panel switches allow pre-set timed or manually timed tones. Front panel LED's indicate duration of tone and silence intervals. One or two units can be rack mounted in a single rack space with an optional rack kit.

Conex CG-25A	60CNCG25	*MFR LIST*	**$420.00**
RMK Rack Kit	60CNRMK	*MFR LIST*	**$27.00**

Call Bradley for a current price quotation.

Radio Systems TI-101

For low priced telephone interface, it's tough to beat the familiar TI-101. It connects pro audio mixers to phone lines and eliminates feedback and gating problems. Caller EQ, send limiter, caller mute, and conference linking are standard features. Connections are XLR for audio, banana posts for phone.

Made by your friends at Radio Systems.

TI-101	60RSTI101	*MFR LIST*	**$495.00**

Call Bradley for a current price quotation.

Henry MixMinus Plus

How often do radio folks think to themselves, "If only this console had mix-minus"?

MixMinus Plus adds a mix-minus output to a broadcast console suitable for feeding to the send input of a telephone hybrid. One input of this unit is fed with the console output, the other takes hybrid receive audio. These two signals are subtracted using phase reversal to create a program mix, minus the receive audio. Initial null adjustment will provide 40dB rejection of the receive audio signal.

MixMinus Plus	60HEMMP	*MFR LIST*	**$195.00**

Call Bradley for a current price quotation.

Eventide BD941/BD942 Broadcast Delays

Now you can relax knowing that "_____!!!" will never be heard on your station, thanks to Eventide obscenity delays. When a bad word is uttered by your guest or caller, simply hit the Delete button on the front panel or via a remote closure. This control both bypasses the delay line and closes a relay contact to start your filler material. The mono delays are available in 6 and 12 second versions, and the stereo units offer 3 or 6 seconds. These units have balanced inputs and outputs, and specifications that don't compromise audio quality. The mono BD941 and stereo BD942 are full 20kHz bandwidth.

Mono, 6 sec delay	60EVBD9416	*MFR LIST*	**$1795.00**
Mono, 12 sec delay	60EVBD94112	*MFR LIST*	**$2195.00**
Stereo, 3 sec delay	60EVBD9423	*MFR LIST*	**$1995.00**
Stereo, 6 sec delay	60EVBD9426	*MFR LIST*	**$2395.00**

Call Bradley for a current price quotation.

Eventide BD980 Broadcast Delay

Advanced catch up circuitry in the BD980 solves the problem of getting back into delay after a segment is dumped. One push of the DUMP button prevents the undesirable utterance from reaching the air, and the BD980 rapidly rebuilds delay so cleanly it is virtually undetectable. Ingenious delay entry/exit modes require only the push of a button to move from real time to delay, or vice versa. This two channel stereo delay provides 20kHz bandwidth and 90dB of dynamic range with less than 0.02% distortion at 1kHz. Delay is adjustable up to 10 seconds, and the BD980 can be remote controlled conveniently.

BD980	60EV980	*MFR LIST*	**$5495.00**

Call Bradley for a current price quotation.

See "Field Production" for digital codecs and other telco gear.

Gentner TS612 DCT Multi-line Phone System

For fast paced broadcast phones, consider this new multi-line system that connects six lines and can be expanded simply to 12. It's suited to talk shows, contests, business TV, and audience interaction.

The sleek control surface looks and acts like a regular phone handset, so you don't need a separate "screener's" phone in the studio. Your screener can talk off-air with a caller at the same time other callers are on the air.

The feature list is impressive. Two of Gentner's best Superhybrids are built in. The system allows direct connection to a PC or digital storage system via RS232. You can add up to two more control surfaces to the mainframe, giving you the ability to use the system from two studios plus an outside screener phone. Like other Gentner products, it can generate its own mix-minus feed to callers by digitally subtracting the caller audio from the program audio fed to the console. A VIP button lets you place a guest host on line 6 or 12 in a mode that cannot be deselected or put on hold.

A NEXT feature selects the call that has been waiting the longest. A REC button allows simple recording of calls by triggering your tape deck.

We can supply the specs. You supply the talent. It's a winning combination.

TS612 Six Line System	60GETS612	*MFR LIST*	**$2995.00**
TS612 Twelve Line System	60GETS61212	*MFR LIST*	**$3990.00**
TS612 Extra Control Surface	60GE910003200	*MFR LIST*	**$395.00**

Call Bradley for a current price quotation.

Gentner SPH-5 Telephone Hybrid

Gentner's top analog phone hybrid is ideal for talk-heavy, medium-market broadcasters. Audio quality is excellent. The SPH-5 offers Gentner's REC function, which automatically starts your tape machine for recording calls, and CUE, allowing your air talent to talk easily with callers off-air through the studio microphone. The dual transformer design achieves consistent send-to-receive rejection.

Features include variable caller control, LED level indicators, and A-lead closure. Termination clicks and pops are suppressed by the SPH-5. Studio inputs and outputs are on XLR connectors.

SPH-5	60GESPH5	*MFR LIST*	**$889.00**

Call Bradley for a current price quotation.

Gentner TC-100 Automatic Telephone Interface

More than just a phone coupler and basic hybrid, the TC-100 can also automatically answer a line after a ring count that you select, and automatically disconnect when it "sees" standard line reversal signaling from the C.O. Logic outputs are provided for ring detect and off-hook conditions, and form-C relay contacts (momentary or continuous) actuate upon connection to the line. The user can also place the coupler on line manually with either the front panel switch or a remote contact closure.

The built-in DTMF decoder provides 100mA open collector outputs for all standard touch tones, including the extended tones A, B, C, D. The DTMF card can also recognize dial-tone and disconnect if you like.

TC-100	60GETC100RTT	*MFR LIST*	**$569.00**

Call Bradley for a current price quotation.

Gentner SPH-3A Telephone Hybrid

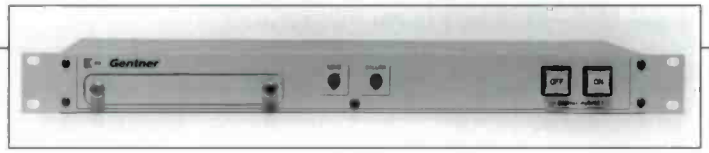
Using Gentner phone products is like taking a breath of fresh Utah mountain air. Example: The SPH-3A is a basic hybrid telephone interface system which is ideal for newsrooms, production studios, or on-air telephone interviews. It will clear away your headaches and invigorate your phones thanks to its analog hybrid circuit, which is fairly insensitive to telco line impedance problems and typically provides a null of 15 to 20dB.

Main audio connections are XLR line level, with a standard RJ-11C jack for telco. Relative caller level and the internal two watt studio monitor amp are controlled on the front panel. "Set-and-forget" trimmers are provided for telco send level and hybrid balance. The SPH-3A can seize the line and close your phone system A-lead via the front panel toggle switch or the remote control jack.

SPH-3A	60GESPH3A	*MFR LIST*	**$579.00**

Call Bradley for a current price quotation.

Gentner Digital Hybrid 1a



The DH-1a incorporates an improved hybrid circuit and digital signal processing technology for consistent and superior audio, but at a price below that of other digital hybrids. Audio quality is assured with its 16 bit processing with 2x oversampling, 10kHz sampling rate, automatic and continuous nulling, adjustable caller control (ducking), internal test tone generators, remote control capability, and single-space rack mount design.

Benefits you can expect from the DH-1a include reduced noise and distortion, excellent separation between send and receive audio, complete talent control over conversations, and easy installation and operation. The DH-1a is intended for use with a single telephone line, but can be used with up to five lines by adding Gentner's Teleswitch (see below).

DH-1a	60GEDH1	*MFR LIST*	**$1149.00**

Call Bradley for a current price quotation.

Gentner G2500 & G3200 Digital Hybrids

Use these digital units with any mixer or console; they are equal to your need for high quality phone audio. Unlike some hybrids, the G2500's Auto Mix Minus permits you to feed program output down the phone line, even when the output contains caller audio. The unit automatically removes the caller audio from its feed path. Automatic answer/disconnect, nulling, re-null on new line selection, RS-232 control, and single-cable conferencing with another G2500 allow you to use it in a range of applications. An acoustic echo suppressor further reduces the chance of feedback.

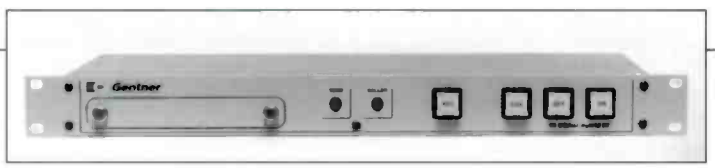
The G3200 is intended for large talk studios or talk shows with a live audience. Digital acoustic echo cancellation removes caller audio from its send path, thus preventing feedback from the studio speakers. When the echo cancellation function is not required, it can be used as an auto mix-minus generator. The G3200 incorporates the same automatic features of the G2500 plus a built-in auto mic-mixer (up to three mics) and power amp.

Quiet line switching, caller alert tone, and LED level indicators are standard on both units. Studio inputs and outputs are on XLR connectors; the G3200 also provides a 1/4" phone connector output.

G2500	60GEG2500	*MFR LIST*	**$1895.00**
G3200	60GEG3200	*MFR LIST*	**$2495.00**

Call Bradley for a current price quotation.

Gentner Digital Hybrid III



Classic Gentner: elegant, simple to operate, sounds superb. This is the next generation of a popular Gentner digital hybrid, and it incorporates all of the features of the SPH-5 analog unit, shown on page 98, including REC and CUE, plus some important extras.

Automatic re-nulling allows the hybrid to be connected to a multi-line phone instrument used as an on-air selection device. Auto answer/auto disconnect, auto nulling, caller alert tone, and quiet line switching on new line selection are also included on the DH-III.

Studio inputs and outputs are on XLR connectors. Like all of Gentner's single-line hybrids, the DH-III occupies one standard rack space.

DH-III	60GEDH3	*MFR LIST*	**$1795.00**

Call Bradley for a current price quotation.

Gentner TeleSwitch Call Director

Gentner's TeleSwitch is the logical solution to your basic telephone line selection problems. Up to five lines can be connected, placed on hold, and routed to your telephone hybrid. TeleSwitch operation is similar to a multi-line phone, so no training time is required. Connections are made with standard RJ-11C modular jacks. Connection to all popular hybrids is easy. Other features include a conferencing mode, a hold audio input, and a telephone set connection. TeleSwitch is compatible with almost any phone system.

TeleSwitch	60GETS	*MFR LIST*	**$995.00**

Call Bradley for a current price quotation.

Accessory:

Pre-wired cable to connect TeleSwitch to hybrid. Specify model of hybrid being used. 61GE830002XXX *MFR LIST* **$26.20**

Tripp Lite Modem/Phone Protection

From The Power People at Tripp Lite comes a product we recommend to anyone who wants to protect their phone communications. This small investment is a good extra level of protection for your phone hybrid, modem, or FAX machine. The TSB is a three-stage unit to protect your devices and lines from damaging transient spikes. Direct plug-in.

TSB Modem/Phone Line Protector
60TPTSB *MFR LIST* **$59.95**

Call Bradley for a current price quotation.

Excalibur HC-1 Handi-Coupler

What could be more "handi" than a simple, affordable way to connect audio to a phone line? The Handi-Coupler is ideal for use around the station: on-air, production, the newsroom, the sales office, field reporters' kits, sports remotes, and more.

The HC-1 connects in series with the handset of any telephone using modular connectors. Since a connection to the telephone line is not required, the HC-1 can be used with almost any telephone in single or multi-line, modern electronic or older key systems. Pressing the front panel button disconnects the handset and connects the external audio in/out jacks to the telephone. Releasing the button reconnects the handset, allowing normal use of the phone. External audio is connected via separate in and out jacks. Both inputs and outputs are 1/4" TRS jacks wired so that you may use either balanced or unbalanced connectors.

HC-1 60EXHC1 *MFR LIST* **$99.00**

Call Bradley for a current price quotation.

Gentner Hybrid Coupler and Auto Coupler

Gentner Hybrid Coupler

The Hybrid Coupler connects directly to a phone line via a modular jack, and provides a loop-through to a telephone set. A three position front panel switch allows the Hybrid Coupler to seize the line, simply tap the circuit, or be turned off. Its hybrid coil provides approximately 10dB of separation between send and receive audio, adjustable with a front panel trimmer. The coupler is a passive device requiring no external power. This is an easy and inexpensive way to get audio on and off a phone line.

Hybrid Coupler 60GEHC *MFR LIST* **$179.00**

Gentner Auto Couplers

Gentner's auto-answer, auto-disconnect units allow simultaneous send and receive audio transmission upon connection. Balanced 600 ohm connections are provided for both send and receive audio, and a null trimmer pot maximizes isolation. Upon loop drop, this version hangs up the phone line. A special CP version is used on phone lines where the telephone company does not provide the loop drop signal. The call progress decoder disconnects on dial tone, busy signal, recorder signal, or ringback. Units operate on 117VAC from a provided external power supply.

Auto Coupler 60GEAC *MFR LIST* **$319.00**
Auto Coupler CP 60GEACCP *MFR LIST* **$319.00**

Call Bradley for a current price quotation.

Comrex Telephone Couplers

For clean, transparent transformer connections from telephone lines to external audio equipment, consider Comrex. Designed for send-only or receive-only applications, they have modular telephone jacks for the phone line and for a telephone set.

The TCB-1A Manual Coupler provides a switched hold connection. Unbalanced audio in/out is by a single 1/4" TRS connector and the unit does not require powering. The TCB-2A Auto-Answer Coupler automatically answers the telephone line on the first ring and disconnects that line when the calling party hangs up. An A/C power supply is now included. For customers whose central offices do not provide loop drop, an optional dial tone detect board is offered.

TCB-1A Manual Coupler 60CCTCB1 *MFR LIST* **$150.00**
TCB-2A Auto-Answer Coupler 60CCTCB2 *MFR LIST* **$250.00**

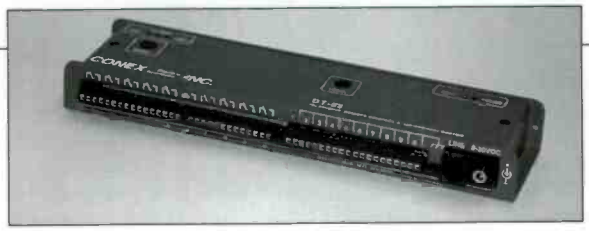
Accessory:
Dial tone detector for TCB-2A 60CCDTD *MFR LIST* **$125.00**

Call Bradley for a current price quotation.

Other couplers are found on pages 27-28, in Field Production.

Conex DT-55 Remote Control By Telephone

NEW



The DT-55 answers a phone line, accepts a user-set access code, then allows remote control of the SPDT relays and the remote monitoring of ten external switch contacts or logic levels.

Relays are magnetic latching. Each relay can be set, cleared, or activated momentarily. The DT-55 can also act in an interlocking mode: when a button is pressed, its associated relay is set, and all others are cleared.

Easily distinguishable tones indicate the high-low or open-closed status of the external inputs. Mini screw-clamp terminal strips, plug-in IC's, and status lights are standard. Size: 9.5"x2.5"x1". Holes are provided for mounting to a surface or to a user-supplied, single space rack panel.

DT-55	60CNDT55	*MFR LIST*	**$339.00**

Call Bradley for a current price quotation.

CircuitWerkes DTMF Decoder

NEW

The DTMF-16 TouchTone Decoder is useful for interfacing all sorts of network tones to automation systems. We think it's a great way for regional sports or news networks to provide cheap automation cues to their affiliates. Or use it to control satellite receivers, network switchers, and repeaters.

The DTMF-16 is a remote unit that uses standard TouchTone signals to provide 16 opto-coupled, momentary or interlocked latching outputs. A defeatable beep tone acknowledges incoming commands. Want to fire studio audio sources in the field without hearing tones over the air? Put a DTMF-16 and optional Silencer board on your RPU receiver, and your talent in the field can activate IDs, breaks, and other studio sources.

Or choose the AD-16 dial-up remote control, which combines the DTMF-16 with a Circuitwerkes auto coupler. It's a great way to control studio equipment by phone. Most users order it with the ComboLok option which provides four-digit password protection.

Call Bradley for a current price quotation.

DTMF-16	60CTDTMF16	*MFR LIST*	**$189.00**	**ComboLok Option**	60CTCLOCK	*MFR LIST*	**$89.00**
AD-16	60CTAD16	*MFR LIST*	**$314.95**	**Silencer Option**	60CTSIL	*MFR LIST*	**$159.00**

Telex Headsets

When designing an intercom system, you want to keep costs down, yet provide headsets that won't wear out readily or cause discomfort to your crew. Telex has several models of full cushion and lightweight headsets.

The PH-2 is a dual-sided, monoaural headset with dynamic, noise-cancelling boom mic. Mic response is 100Hz-8kHz. Earphone output is 105dB. The PH-1 is a single-sided version.

If you prefer a lightweight model, choose the PH-4, dual sided headset with 98dB earphone output. Mic response is 50Hz-10kHz.

All models listed have earphone impedance of 150 ohms and earphone response of 50Hz-15kHz; all have five foot cable terminated in a female XLR-4 connector. (For male connector, add "R" to the part number.)

Call Bradley for a current price quotation.

PH-1	60TXPH1	*MFR LIST*	**$140.00**
PH-2	60TXPH2	*MFR LIST*	**$160.00**
PH-4	60TXPH4	*MFR LIST*	**$150.00**

Broadcast Tools Studio Intercom System

Communicate among up to five broadcast studios. Each single-space SMI-5B is a complete intercom/monitoring station that can communicate with up to four others.

Studio units are inserted into both the monitor and headphone paths, and work in conjunction with existing monitor and headphone amps, speakers, and mics. The SMI-5B also features two of its own headphone amps with multiband EQ.

Couple two units with the optional SMI-2P and modular phone cable. Connect up to five studios using standard 25-pair phone cable and the optional SMI-25P, a three-space interface adapter which supports five stations. Full duplex talk paths allow true two-way conversations.

Call us for the details on this cost-effective solution to your studio intercom problems.

SMI-5B	60BTSMI5B	*MFR LIST*	**$659.00**
Accessories:			
SMI-2P Interface	60BTSMI2P	*MFR LIST*	**$119.00**
SMI-25P Interface	60BTSMI25P	*MFR LIST*	**$179.00**

Call Bradley for a current price quotation.

Motorola Spirit Two-Way Radios

Did you know you can buy a Motorola two-way radio for $225 list? Or a coded squelch version, to block out third party conversations, for as little as $289? And you'll pay even less at Bradley. All models include a beltclip and rechargeable Ni-Cad battery with charging adapter.

Motorola Spirit two-ways provide reliable, clear performance for up to two miles. Make your time more productive on remotes, during stage set-ups, climbing towers, and any time your crews need to keep in touch.

VHF models provide maximum range outdoors and around wood structures; UHF gives maximum penetration in and around steel or concrete buildings (although both versions work about the same in one-story structures up to 80,000 sq. ft.). Local Use models are for within 75 miles of your place of business; Itinerant frequencies are for beyond. Two-channel units come with a drop-in charger.

Call for pricing of carrying cases, chest packs, earpieces, and mics.

Spirit 2-Way: A basic one-watt model with open squelch, operating on the VHF band.

Part #	Frequency	Use	Squelch	List Price	Chls
60MPSV10BLU	VHF 154.570	Local	Open	**$225.00**	1
60MPSV10GRN	VHF 154.600	Local	Open	**$225.00**	1
60MPSV10RED	VHF 151.625	Itinerant	Open	**$225.00**	1

Spirit Pro: A VHF unit, with either open or coded squelch. Includes an audio accessory jack, and hands-free operation with an optional accessory. One watt.

Part #	Frequency	Use	Squelch	List Price	Chls
60MPSV11BLU	VHF 154.570	Local	Open	**$239.00**	1
60MPSV11GRN	VHF 154.600	Local	Open	**$239.00**	1
60MPSV11RED	VHF 151.625	Itinerant	Open	**$239.00**	1
60MPSV11CBLU	VHF 154.570	Local	Coded	**$289.00**	1
60MPSV11CGRN	VHF 154.600	Local	Coded	**$289.00**	1
60MPSV11CRED	VHF 151.625	Itinerant	Coded	**$289.00**	1
60MPSV12CDGB	VHF 154.570/ VHF154.600	Local	Coded	**$349.00**	2

Spirit Pro+: A two-watt, UHF version of the Spirit Pro.

Part #	Frequency	Use	Squelch	List Price	Chls
60MPSU21J	UHF 467.7625	Local	Open	**$269.00**	1
60MPSU21YEL	UHF 464.550	Itinerant	Open	**$269.00**	1
60MPSU21CJ	UHF 467.7625	Local	Coded	**$319.00**	1
60MPSU21CYEL	UHF 464.550	Itinerant	Coded	**$319.00**	1
60MPSU22CDJK	UHF 467.7625/ UHF 467.8125	Local	Coded	**$379.00**	2
60MPSU22CDYB	UHF 464.550/ UHF 464.500	Itinerant	Coded	**$379.00**	2

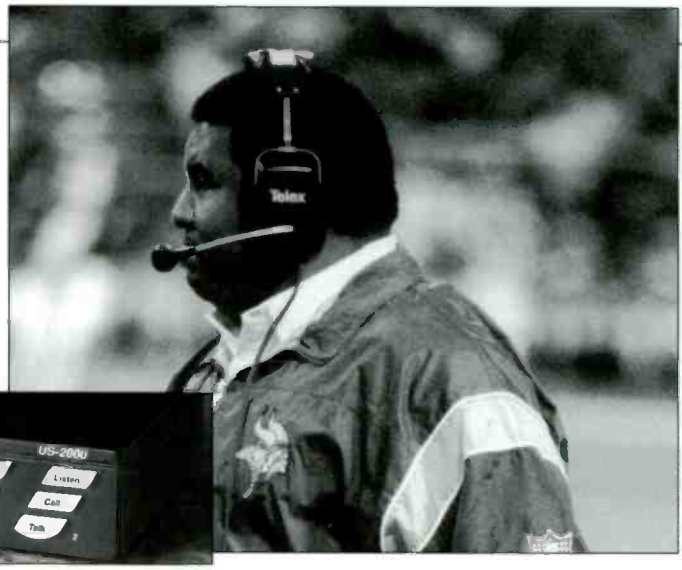
Accessories:

Headset with mic for Pro and Pro+
60MP45720 MFR LIST **$50.00**

Vox Adapter for Pro and Pro+, for hands-free, use with above.
60MPBDN6775 *MFR LIST* **$45.00**

Call Bradley for a current price quotation.

Telex Intercom Systems



For broadcast vans, theaters, lecture halls, and on the sidelines of pro football games, Telex Audiocom and wireless Radiocom systems are designed by professionals, for professionals.

Audiocom is intended to be versatile, whether that means using balanced or unbalanced formats, single or two channel lines, wet or dry operation, even within limited rack space. Components are modular, letting the system grow with you. You can set up simple belt pack party lines, or sophisticated, director-controlled networks with multiple channels, IFB's, and matrix control. Use standard mic cable to connect up to 22 channels of user stations, belt packs, speaker stations, and power supplies.

Radiocom is a wireless alternative to any intercom, performing like a wired system thanks to quality VHF highband companding, full duplex. It has a built in interface for connection to Audiocom balanced line systems, RTS, and other unbalanced systems such as Clear-Com.

Call Bradley for a Telex intercom systems brochure.

RTS TW Intercom Systems

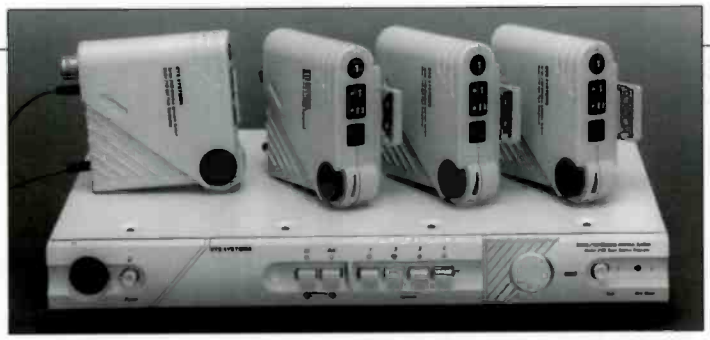
RTS two wire systems have over 25 available components for great flexibility. You can conduct two channels of conversation through standard two-conductor cable.

The modular packaging of the MCE325 four channel, user programmable intercom station lets you choose among five arrangements: rack mount or portable headset station, rack mount or portable speaker station (with inclusion of the MCS325 Modular Speaker), or console mount headset station. Programming functions allow use in conference line or dedicated line environments, in two-wire or four-wire mode, or in a combination of both.

The fourth generation BP325 Portable Headset Station boasts better analog performance and powerful microprocessor control of its digital functions. Features include a microphone limiter, three headphone amps, silent channel selection switching, and simplified controls. The BP325 is the one portable headset station for all of your applications because it includes call-signal indication, can accommodate nearly any headset, and has channel programming.

Also available from RTS are the Series 800 microprocessor-assisted, programmable master stations, Series 4000 IFB system, and several other models. Whatever your intercommunication requirements, let Bradley specify an RTS system that will meet your technical requirements and your budget.

RTS Series 2100 Wireless Intercom



Communicate without wires. The RTS Series 2100 is a complete wireless intercom system that operates in the 150 to 216MHz band, protected from external radio and electrical interference. Four belt pack transceivers can operate with the Model 2105 base station, and when two base stations are chained together, up to eight headset stations can be tied into a full duplex communication network.

The rugged, lightweight Model 2110 belt packs offer up to 24 hour operation on a single battery and numerous operator convenience features. Two belt pack transceivers form a simple, two person link, and the Series 2100 is easily used as an extension to your hard-wired intercom for unlimited possibilities.

2105 base station	60RT2105	*MFR LIST*	**$1625.00**
2110 transceiver	60RT2110	*MFR LIST*	**$550.00**

Call Bradley for a current price quotation.

Also available:
Series 2200 wireless cue system improves delivery of cues to your talent. Multiple receivers at multiple VHF (72 to 76MHz) frequencies are possible.

The Telos Link

Connect intercom systems via phone lines with the aptly named Telos Link. Your crew can then communicate as smoothly and effortlessly as if they were together in the studio.

The Telos Link uses the same adaptive digital hybrid technology used to improve talk shows and teleconferencing. The Link allows natural, full-duplex communication without level or feedback problems. Digital, auto-nulling hybrids are on both the telco and communications paths, so neither party misses a single syllable. A powerful digital processor performs audio processing functions, including automatic gain control, smart gain switching to enhance hybrid performance, high pass filtering to reduce hum and interference, pitch shifting for feedback reduction, and call signal generation.

The Link features a built-in interface for RTS, ClearCom, and other intercom systems. Other features include a "wet" single channel operation option to provide power to belt packs and metering for both intercom and telco levels. The auto-answer function lets field personnel just call in to be connected without operator intervention. Rack mounting kits are available.

Note: The popular Telos ONE phone hybrid is available in versions for interfacing four-wire intercom systems with dial-up phone lines or two-wire intercoms. ***Call us for info.***

The Link	60TS1L	*MFR LIST*	**$1680.00**

Call Bradley for a current price quotation.

Orban Optimod-FM 8200 Digital Processor

Trust your air chain to a name you know. All processing and control functions of the Optimod-FM 8200 are in the digital domain. Remote PC software is now included for powerful control from anywhere. An updated analog card with a new A-to-D converter means noise performance is even better than before. The 8200 also offers more flexible and instinctive set-up.

The 8200 has automatic gain control, compression, peak modulation control, and stereo encoding. Processing configurations are changed by pushing a button thanks to Modular Variable Processing (MVP). For total transparency, select the "protection" processing. The two-band MVP processing offers an improved version of the traditional open, natural Optimod sound which helped make thousands of stations successful. The optional five-band MVP provides competitive major-market processing with selectable speeds for any format.

Factory presets can be adjusted using a single control. Custom sounds can be created, and up to 32 user presets stored and recalled. The 8200's computer interface allows modem control. Auto switching changes your processing as you've programmed it, which is ideal for dayparting or multiple formats. Two stereo composite outputs are provided along with an analog left/right output and digital AES/EBU output.

The standard PC software is a potent addition. *Call for computer requirements.*

8200 with two-band MVP	60OB8200U2S	*MFR LIST*	**$7400.00**
8200 with five-band MVP	60OB8200U3S	*MFR LIST*	**$10,400.00**

Call Bradley for a current price quotation.

Accessories:

Digital I/O is available for interfacing your 8200 into a digital system, such as a digital STL, without the unneeded conversions (and their inherent distortions). The **8200D/32** is a basic card suitable for most broadcast use. It accepts and produces a broadcast standard 32kHz AES/EBU signal, and the output is pre-emphasized to the same pre-emphasis chosen for the audio processing. The **8200D/SRC** adds sample rate conversion on input and output, plus a variety of output pre-emphasis options. With either plug-in card, you select analog or digital input on the 8200's screen. Outputs will be present simultaneously on the composite, analog, and digital outputs.

8200D/32 AES/EBU Digital I/O Card	60OB8200D32	*MFR LIST*	**$725.00**
8200D/SRC AES/EBU Digital I/O Card	60OB8200DSRC	*MFR LIST*	**$1550.00**

Orban Optimod-FM 8100A1

Bradley Best Seller

For formats ranging from classical to industrial sludge, the classic processor/stereo generator is the Orban Optimod. Sophisticated, easy-to-use, and cost effective, this overshoot-controlling box can be set up quickly with little tweaking. With simple adjustments of gate threshold, interband coupling, release time, HF limiting, and clipping, the 8100A1 is flexible enough for the job. Thorough and readable documentation, built-in test facilities, and modular design make the Orban Optimod-FM 8100A1 a pleasure to use.

8100A1/U75	60OB8100A	*MFR LIST*	**$5950.00**

Accessories:

8100A/XT2 Six Band Limiter. An accessory chassis for stations that desire a louder or more processed sound. When the XT2 is in use, the two band compressor is converted to a slow averaging AGC in front of the six band limiter, ensuring proper input level at all times. The design incorporates dual bass EQ plus presence and brilliance controls.

60OB8100AXT *MFR LIST* **$2950.00**

8100AFC FM Filter Card. For existing units. Simply plugs into 8100A1.

60OB8100AFC *MFR LIST* **$700.00**

8100AST/U Studio Chassis Enables separation of the front-end compressor from the stereo generator and limiter, allowing use with discrete STL systems.

60OB8100AST *MFR LIST* **$1000.00**

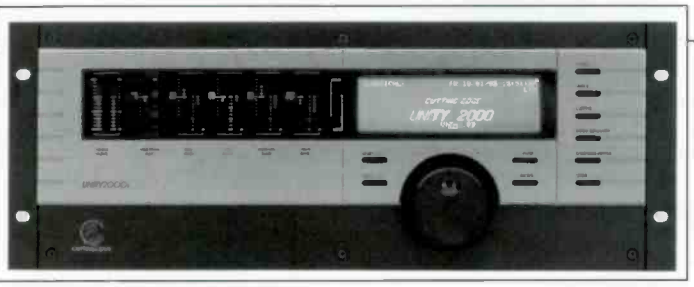
Also available:

8100A1 with FM Filter Card. This filter is designed to provide additional crosstalk protection for stations using subcarriers and to increase modulation capability.

8100A1/U75F	60OB8100AF	*MFR LIST*	**$6650.00**

Call Bradley for a current price quotation.

Cutting Edge Unity 2000i Digital FM Processor



The Unity 2000i is an FM processor that can be appreciated by station engineering, programming, and management as a way to improve a station's sound and increase its ratings. Here is a tool that combines technical excellence with format flexibility, ease of operation, and bottom line results.

The Unity 2000i FM Processor uses advanced digital signal processing to achieve an open, accurate sound. Designed by processing expert Frank Foti, the Unity 2000i uses feed forward control circuitry and Cutting Edge's unique Linear Response Algorithm for a more musical high end and audio that never sounds harsh or synthetic regardless of how hard you process.

Functions include selectable broadband AGC, selectable phase rotator, adjustable bass enhancer, adjustable crossovers, four band processor/leveler, four band limiter, clipper/low pass filter system, stereo generator, and selectable composite processor. Nine Foti presets are included and you may create up to 50 settings of your own. Other features include comprehensive front panel metering, four level security, day-part processing, and an RS-232 port for computer control from virtually anywhere. Unity Remote Software is included.

Unity 2000i 60CEUNITY *MFR LIST* **$8500.00**
Call Bradley for a current price quotation.

Cutting Edge FM Composite Filter

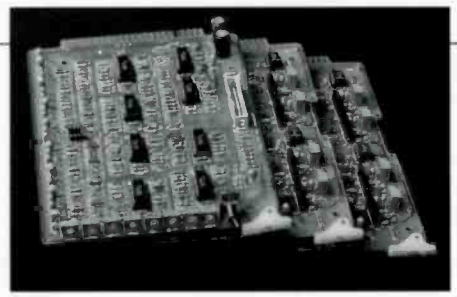
The Dividend from Cutting Edge reduces noise in the upper composite spectrum (from 53 to 99kHz), noise which is often generated by audio processing and STL's. Your station can achieve a noise floor of better than -60dB, providing a clean SCA environment for the most demanding subcarrier uses.

Use the Dividend to improve performance of microwave STL's, composite clipping systems, and FM subcarriers (for applications including RBDS/RDS, background music, paging, and reading services). It's also useful if you seek to regain lost modulation or reduce multipath-related distortion.

Cutting Edge Dividend FM Composite Filter
60CED *MFR LIST* **$1195.00**
Call Bradley for a current price quotation.

The Purple Processor

NEW



It's here.

Instead of adding lots of outboard boxes to your existing Optimod 8100, take a look at the Purple Processor. It's a set of three circuit boards, made by a group of experienced radio engineers, that replace cards 3, 4, and 5 in your 8100, 8100A, or 8100A1. It supplants the Optimod's two-band compressor with a four-band design and adds a classic AGC while retaining Orban's HF limiter/clipper and stereo generator. Call us for details on this great-sounding upgrade.

60PPCARDS *MFR LIST* **$2995.00**

Orban Optimod-AM 9100B

For AM with the best fidelity, choose the 9100B. Three different characteristic slopes are available on plug-in modules to optimize the 9100B for low-fi receivers, high-fi receivers, or to split the difference. The system also provides transmitter "EQ" adjustments to tune out transmitter deficiencies precisely. Mono systems can be upgraded to stereo at a later date. Meets the NRSC pre-emphasis and low pass filtering standards. We'll be happy to tell you more about this sophisticated processor.

9100B1/U10 Mono 60OB9100B1 *MFR LIST* **$4550.00**
9100B2/U10 Stereo 60OB9100B2 *MFR LIST* **$6350.00**

Call Bradley for a current price quotation.

Aphex Air Chain

The heart of the Aphex air chain is the Digicoder, an FM stereo generator with switchable pre-emphasis, limiter, and overshoot-compensated low-pass filter. Used in combination with the Aphex Dominator II flat limiter, you can improve your signal and reduce multipath.

The Digicoder uses digital control for lifetime stability, but an audiophile analog signal path so the audio is never digitized. Separation to 15kHz is better than 70dB. Two independent, adjustable transmitter outputs, remote control and tally, and a high-resolution meter are provided in this one rack unit device.

The Dominator II is a precision multiband peak limiter with 104dB dynamic range, free of pumping and spectral gain intermodulation. As a peak overshoot protection limiter, it is undetectable in line while it absolutely prevents peak levels from exceeding your set output level.

Combine four Aphex weapons in your battle for listeners, to achieve loudness and full modulation without losing the natural dynamics of your program material.

Digicoder 400 Stereo Generator 60AP400 *MFR LIST* **$3995.00**

Dominator II 722 60AP722 *MFR LIST* **$1495.00**

Compellor 320A Compressor/Leveler (see page 77) 60APCMP *MFR LIST* **$1350.00**

Aural Exciter Type III 250 (see page 77) 60APIII *MFR LIST* **$995.00**

Call Bradley for a current price quotation.

CRL Audio Signature

The Audio Signature is a powerful four band compressor with an advanced microprocessor control system and remote control software. Separate wideband and multiband controls can take you from virtually no processing to an aggressive extreme. Adjustable multiband crossovers, real time analysis monitoring, and eight position audio diagnostic metering add to the Audio Signature's user friendliness and processing power. Four processing settings may be stored and recalled, and the Audio Signature includes an RS-232 port for computer or automation control.

Audio Signature 60CUAS *MFR LIST* **$4995.00**

Call Bradley for a current price quotation.

Inovonics "David" 715

Its name is David, and if that makes you think of David vs. Goliath, you're on the right track. "David", or more formally the Inovonics 715, is an integrated audio processor and stereo generator for FM. It slays the twin giants of budget and space with its great price and single rack space design.

The audio processing section combines the functions of a gated, gain-riding AGC with split-spectrum dynamic compression and peak control. The stereo generator features digital synthesis of the composite signal for the best possible separation and the greatest stability. Internal combining for SCA or RDS subcarriers, and TTL-level 19kHz pilot output for subcarrier sync, are provided.

Expect response of 20Hz to 16kHz, ±1dB, and THD below 0.15%. Call Bradley for more specs and a current price on this giant killer.

David 715 60IN715 *MFR LIST* **$1875.00**

Also available: Don't need an integrated unit? Ask us for pricing on the separate **Model 705 stereo generator** or **Model 260 broadcast processor** from Inovonics.

Call Bradley for a current price quotation.

Excalibur CDA-1 Composite DA

Moving your composite feed signals around is an important task and you need to know your DA is reliable. The one input, three output CDA-1 adds flexibility to your transmission facility. Each output has its own 20 turn level control, and can drive up to 75 feet of RG-58 coax. A ground lift switch and transient protection on the power supply are two of the quality features built into the CDA-1. Use it to feed auxiliary STL systems, test equipment, and back up transmitters. Other uses include distributing modulation monitor outputs and subcarrier generator outputs. Frequency response is DC to 100kHz ±0.2dB (less than 0.05dB down at 53kHz), THD is less than 0.01%, and noise is greater than 90dB below 4V at unity gain.

CDA-1 60EXCDA1 *MFR LIST* **$390.00**

Call Bradley for a current price quotation.

QEI Quantum Series FM Broadcast Transmitters

NEW

Solid state, solid performance. QEI's new QUANTUM Series FM broadcast transmitters are completely solid state, designed for years of trouble free service. Buy only the power you need: QEI offers QUANTUM in versions between 1.2 and 6 kilowatts, in 600 watt increments. The high efficiency design results in even more savings in power consumption and reduced heat loads.

QUANTUM features modular power amplifiers, and all models are under five feet tall. Even so, the chassis holds the exciter/driver, FET power amp modules, output combiner, power supplies, and harmonic filter/directional coupler assemblies.

The 300E exciter/driver is designed specifically to work with high power, solid state devices. Power amp modules are comprised of four FETs combined for 600 watts output power. Each module is fed by a self-aligning connector to the high power, cable-less, solid state combiner, for low-loss matching and isolation of the power amps. Filtered air pressurizes the cabinet eliminating dust infiltration. The power amp module compartment has multiple, quiet fans for even, redundant cooling.

Call Bradley for a current price quotation.

Quantum 1.2	600 to 1200 watts	*MFR LIST*	**$17,500.00**
Quantum 1.8	600 to 1800 watts	*MFR LIST*	**$19,500.00**
Quantum 2.4	600 to 2400 watts	*MFR LIST*	**$21,500.00**
Quantum 3.0	600 to 3000 watts	*MFR LIST*	**$23,500.00**
Quantum 3.6	600 to 3600 watts	*MFR LIST*	**$25,500.00**
Quantum 4.2	600 to 4200 watts	*MFR LIST*	**$28,000.00**
Quantum 4.8	600 to 4800 watts	*MFR LIST*	**$30,500.00**
Quantum 5.4	600 to 5400 watts	*MFR LIST*	**$33,000.00**
Quantum 6.0	600 to 6000 watts	*MFR LIST*	**$35,500.00**

We also carry the FMQ line of higher power QEI FM transmitters. Call for details.

QEI FM Exciters

NEW

QEI's 675B continues the company's tradition of reliable, affordable performance. This newly updated unit is an all solid state, on carrier direct FM, phase locked, frequency synthesized FM exciter. It may be programmed to operate on any 100kHz increment in the FM band. Power output can be varied from two watts to more than 20 without oscillation or breakup. Ultra low distortion, crosstalk, and noise are characteristic of the 675B, which comes in a compact 3-1/2" rack mount.

The premium 695 exciter is synthesized and can be tuned to any FM broadcast frequency instantly. THD, IMD (SMPTE method), and TIMD are all less than 0.025%; FM noise is greater than 80dB below 100% modulation. Complete metering of eight important parameters can be push button selected on the front panel meter. Automatic modulation and power output controls are other important features of this exciter.

Also available: **QEI's 300-watt FM exciter** from their QUANTUM series. Call for details.

675B	60QE675	*MFR LIST*	**$2995.00**
695	60QE695	*MFR LIST*	**$5295.00**

Call Bradley for a current price quotation.

CRL SC-100 RDS System

The CRL SC-100 is a rack-mountable RBDS/RDS generator and is a good way to get started with RBDS, particularly if the station does not have access to a PC. Use the front-panel keypad and menu display to enter your static data, and you're on your way.

The addition of a PC or laptop makes the SC-100 more powerful. The PC software is simple to understand, and gives your station the flexibility of using RBDS for changing data. The SC-100 includes an RS-232/modem interface for easy connection.

Composite inputs and outputs are on BNC connectors. Expansion slots are available for optional subcarrier generator boards.

CRL SC-100 RDS System 60CUSC100 *MFR LIST* **$3395.00**

Call Bradley for a current price quotation.

Modulation Sciences RDS Systems

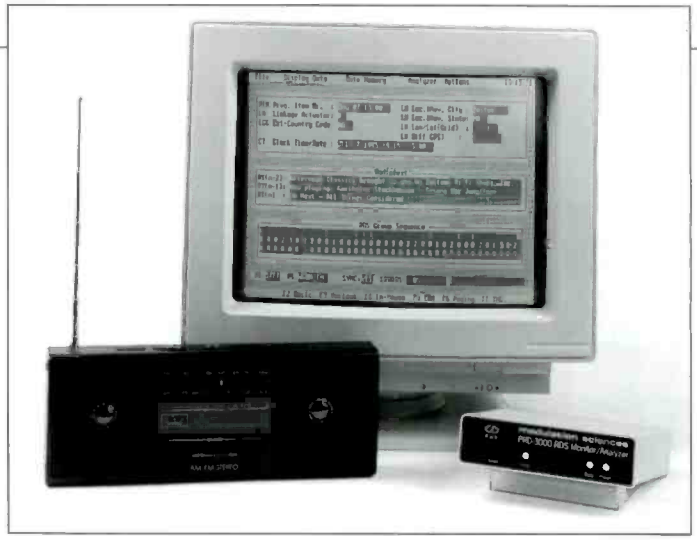
The RDS-1 consists of a plug-in, IBM-compatible circuit board and software to run on a PC. All RBDS/RDS functions are readily accessible: transmit your call letters, format code, traffic announcements, and text strings. Send title and artist info, display advertisers' phone numbers while their spot is playing, and more. Features include 255 Radiotext messages of unlimited length, automation of RDS functions, and easy setup.

Any parameter or data type may be set to change automatically at any time of the day. You can create your own unique scrolling displays. Because the RDS-1 is software-based, improvements can be made easily later. The RDS-1 includes a three-year warranty.

RDS-1 RDS System
60MSRDS1 *MFR LIST* **$1750.00**

Also from Modulation Sciences:

Monitor your RDS data. The **PRD-3000** accurately measures RDS injection level to a tenth of one percent, and decodes, monitors, and analyzes the complete data stream. This PC-based product plugs into the serial port of a DOS/Windows PC. 60MSPRD3000 *MFR LIST* **$2250.00**



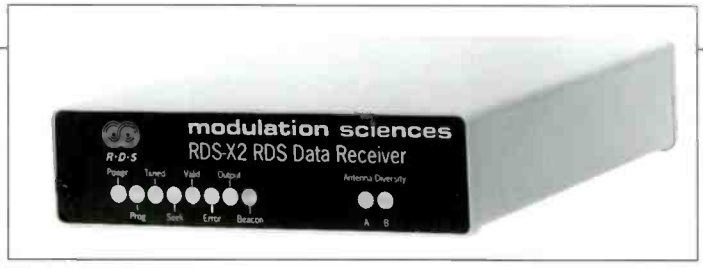
Call Bradley for a current price quotation.

Modulation Sciences RDS-X1

NEW

RDS can mean income if you lease the RDS data channels that conventional RDS receivers ignore. Need to control a billboard? Sync traffic signals? Update status displays in the field? Realize the full potential of RDS with an **RDS-X data receiver,** complete with metal enclosure and outboard power supply. The receiver is individually addressable, as well as in groups and supergroups, and operates directly from a 12VDC automobile system. Since the RDS channel is packetized and receivers are addressable, you can use one RDS channel for many different applications. Call Bradley to learn more.

RDS-X2 60MSRDSX2 *MFR LIST* **$895.00**



Call Bradley for a current price quotation.

We carry Denon RDS Tuners. See page 54.

TFT Reciter

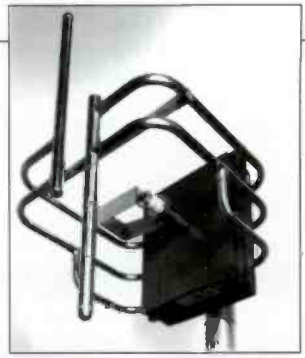
TFT's Reciter is unique: it combines the functions of an STL receiver and FM exciter. Retain studio audio quality by eliminating baseband demodulation and remodulation — with this IF interface to your transmitter, what leaves the studio will arrive at the transmitter with negligible degradation. The 50 watt RF output is sufficient to drive most FM transmitters directly. This also allows you to locate your stereo generator and other processing at the studio.

For an economical system, simply feed FM composite baseband signal into an STL transmitter at the studio site, and locate the Reciter at the receive end. Or put an existing FM exciter (analog or digital) at the studio, feed its output to a TFT 8300 IF Interface STL transmitter, and send your signal up to the Reciter. This second configuration lets you generate the FM signal at the studio, and it never leaves the RF domain until it reaches the listener. You can also then connect a digital studio to your exciter, digitally, without data compression. *Call Bradley for a Reciter packet.*

Call Bradley for a current price quotation.

8910 Reciter	60TT51168910	*MFR LIST*	**$9100.00**
8900 Reciter with Sync Module (for boosters)	60TT51168900	*MFR LIST*	**$14,695.00**
8300 STL Transmitter	60TT51168300	*MFR LIST*	**$5300.00**
IF Option for 8300	60TT830022A	*MFR LIST*	**$730.00**
9100 STL Transmitter	60TT51169100	*MFR LIST*	**$3725.00**

Shively FM Antennas



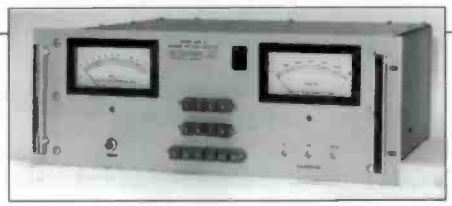
Famous for performing in the most harsh environs, Shively models are available to suit any station. Their lineup is extensive.

Educational stations can use the low power 6812. Class A stations find what they need in the 6813, with a power rating of 3kW per bay up to 12kW. The 6810 (10kW per bay up to 40kW) is suited to Class B work, and the 6814 is right for Class C.

Panel antennas are available for either single or multi-station operation. Concerned about radiation hazard standards? We can provide information on 0.95, 0.90, 0.75, and 0.50 wavelength spacings to control downward radiation. Bradley and Shively can provide a range of options, including deicers, radomes, null fill, beam tilt, pattern studies, and directional antennas.

We carry a broad line of RF equipment. Here's just a sample.
Call us for help in putting together your transmission shopping list.

RF Accessories



Cablewave Systems

Transmission line and accessories, including foam and air dielectric lines, rigid line, connectors, grounding kits, splices, and pressurization equipment for either nitrogen or dry air.

Comark

FM antennas, rigid line, and coaxial switches.

Coaxial Dynamics

Wattmeters.

Delta

Stereo AM exciters and monitors. Toroidal current transformers, operating impedance bridges for both permanent installation and field use, and antenna monitors.

Electro-Impulse

RF dummy loads up to 50kW.

Kintronics

Antenna tuning units, phasing equipment, power dividers for PSRA and PSSA operation, and isocouplers.

Modulation Sciences

Composite line drivers and distribution amps and SCA generators.

Potomac Instruments

Field intensity meters covering MF, HF, VHF, and UHF frequencies, as well as antenna monitors and remote controls.

Modulation Sciences ModMinder

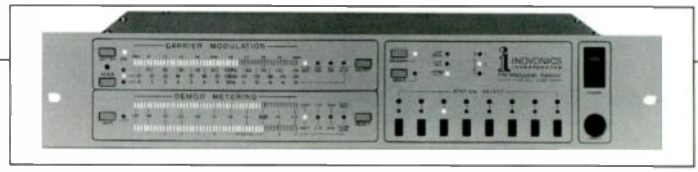
ModMinder can help you find a 1 to 4dB improvement in your modulation, a significant gain in a competitive marketplace. ModMinder measures and displays peak FM deviation accurately. This lets a station either back off its processing (increasing dynamic range) or increase its modulation (increasing loudness), or some of both.

The ModMinder works by indicating only those peaks which exceed 1000 µsec, a parameter which conforms precisely to the most recent (albeit now deleted) FCC rules for modulation monitoring. A microprocessor controls timing and monitoring functions, assuring an unusual degree of accuracy. Complete interfacing is provided, including alarm functions, for your remote control system. An RS-232 port offers computer access of monitored information. ModMinder is also available with a calibrated demodulator board.

ModMinder	60MSFMMM	*MFR LIST*	**$2395.00**
ModMinder with DeMod	60MSMMDMB	*MFR LIST*	**$3090.00**

Call Bradley for a current price quotation.

Inovonics Model 530 Modulation Analyzer



Combine a laboratory-grade FM receiver with super accurate demodulation and metering circuitry, and the result is the Model 530, an off-air modulation analyzer for FM broadcasting.

You'll see Total Modulation, Left/Right program channel, and Pilot/Subcarrier injection levels. The tunable receiver has eight preset stations; preset alarms indicate insufficient strength or excessive multipath effects which can invalidate your modulation readings.

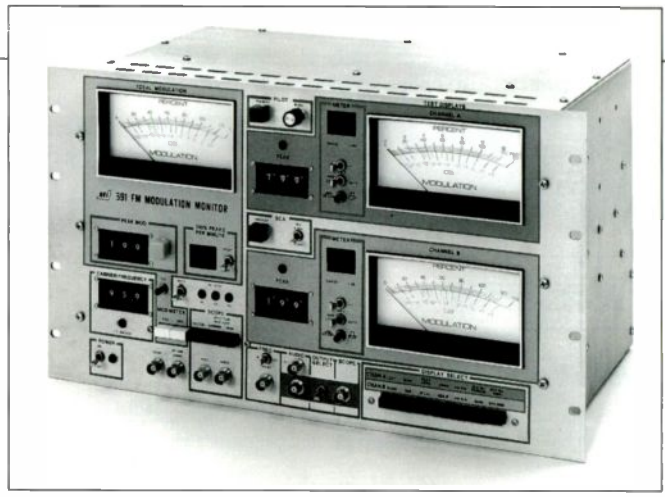
The level of the incoming RF signal and any contribution of multipath components are quantified to help validate the modulation readings. A user-defined port can be wired to enable remote control of the unit and provide a remote display.

The Model 530 is two rack spaces high.

530	60IN530	*MFR LIST*	**$2200.00**

Call Bradley for a current price quotation.

QEI 691 FM Modulation Monitor/Test Set



A new variable peak option makes this monitor even more powerful.

The 691 is a performance measurement instrument for mono, stereo, and SCA. Tunable in 100kHz steps over the entire FM band, the unit can perform more than forty tests when used with an oscilloscope. The front panel includes frequency and test meter outputs, adjustable range peak flasher, peak counter, and easy to read auto-ranging meters.

Now you can also order the variable peak duration test option, which lets you select peak weighting by specifying the duration of a peak and the number of peaks the unit will respond to within that duration. This option can also be ordered to retrofit existing monitors.

691	60QE691	*MFR LIST*	**$5875.00**
691/01 w/67kHz SCA monitoring	60QE69101	*MFR LIST*	**$6875.00**
691/02 w/67kHz and 92kHz SCA monitoring	60QE69102	*MFR LIST*	**$7100.00**
Variable Peak Duration Test Option	60QE691VPDTO	*MFR LIST*	**$295.00**

Call Bradley for a current price quotation.

Out goes EBS... In comes EAS.
Call Bradley for the latest on emergency alert products.

TFT FM Modulation Monitors

TFT's proven monitors are now also available with an optional 57kHz RDS injection level feature.

These models allow all baseband and stereo monitoring functions to be performed in a single unit. They each combine a frequency agile RF amplifier, an FM main channel monitor, and a stereo monitor. A notable feature is the Peak Modulation Duration Differentiator (PMDD) which separates true modulation peaks from those caused by transient noise, overshoot, and multipath distortion.

The 884 and 844A use TFT's pulse-counting FM discriminator and have outputs for audio monitoring and test equipment. The 844A adds a dual pre-selector to enable rapid A-B comparison. Also standard on the 844A is an absence of modulation carrier alarm and front panel headphone jack.

The price shown for the RDS Injection Level option is for new units of either model; call us if you need a retrofit for an existing monitor.

Call Bradley for a current price quotation.

884 (pictured)	60TT884	*MFR LIST*	**$3765.00**
844A	60TT844	*MFR LIST*	**$5150.00**

Also available:

57kHz RDS Injection Level option for above	60TT71004255	*MFR LIST*	**$330.00**
845 SCA Monitor	60TT845	*MFR LIST*	**$2735.00**

Belar FM and AM Modulation Monitors

Belar's FM monitor lineup includes separate main channel, stereo, and subcarrier monitors. The main channel and stereo monitors have superior THD and IM (SMPTE) of less than 0.01%. S/N ratio exceeds 90dB, and frequency response is ±0.25dB, 50Hz to15kHz. Autoranging meters on the FMS-2 stereo monitor make noise and crosstalk measurements a snap. The SCM-2 subcarrier monitor can measure up to four different subcarriers.

Belar offers two AM monitors: the AMM-2B and the AMM-3. A modulation cancellation scheme recovers the unmodulated carrier which provides a reference to modulation peaks. Thus, the instantaneous program peaks are referenced to the instantaneous carrier. The AMM-3 has separate meters for simultaneous monitoring of positive and negative modulation. Individual thumbwheel switches allow setting the positive and negative peak flashers in 1% increments. Audio outputs are provided for both monitoring and test instruments.

Please specify frequency required when ordering monitors.

Call Bradley for a current price quotation.

FMM-2 FM monitor	60BLFMM2	*MFR LIST*	**$1790.00**
FMS-2 stereo monitor	60BLFMS2	*MFR LIST*	**$2050.00**
SCM-2 SCA monitor	60BLSCM2	*MFR LIST*	**$2050.00**
FM RF amplifier	60BLRFA1	*MFR LIST*	**$850.00**
Tunable FM RF amplifier	60BLRFA4	*MFR LIST*	**$1190.00**
AMM-2B AM monitor	60BLAMM2B	*MFR LIST*	**$1590.00**
AMM-3 AM monitor	60BLAMM3	*MFR LIST*	**$1790.00**
AM RF amplifier	60BLRFA2	*MFR LIST*	**$790.00**

Belar Wizard

The Wizard is aptly named. FM stations must accurately measure peaks of frequent recurrence and analyze modulation data to compare their density with that of competitors. The Wizard FM Digital Modulation Analyzer does all this.

Front panel shows modulation in 0.1% or 1% increments and a menu driven display provides a wealth of information. Some of The Wizard's functions are to check pilot injection and pilot modulation, measure peaks according to FCC rule 73.1570, examine peaks per unit of time to check peak distribution, check peak modulation density, change time constants of the peak weighting functions from 100µsec to 2ms, and check SCA injection. PC software allows remote operation, graphing, and logging.

The Wizard	60BLFMMA1	*MFR LIST*	**$3300.00**

Call Bradley for a current price quotation.

Burk TC-8 Remote Control

The TC-8 is ideal for basic remote control applications. It has eight telemetry channels and eight status channels. Internal modems can be set up for telco, SCA, or half-duplex mix. The optional interface panel brings all connections out to screw-type barrier strips and isolates the control logic with plug-in 10 amp form-C relay contacts.

TC-8	60AVTC8	*MFR LIST*	**$2495.00**

Accessories:

IP-8 Interface Panel	60AVIP8	*MFR LIST*	**$495.00**

Call Bradley for a current price quotation.

Burk ARC-16 Remote Control

The innovative ARC-16 provides full-time studio control, dial-up control, or both. It has 16 metering channels, 16 raise/lower outputs, and 16 status channels; displays have 32 characters and plain English prompts.

The Enhanced Speech Interface option allows control or readings from any touch-tone phone; the caller is greeted with a human voice and prompted through the call. The ESI lets you listen to actual program audio at any time during the call; it also will call a series of phone numbers to announce an alarm, and it can be enhanced with the optional CDL software to interface with your computer directly or via 1200 baud modem.

ARC-16 conventional two-unit system includes set of modems to interconnect by telco, STL, SCA, or TRL (specify when ordering).

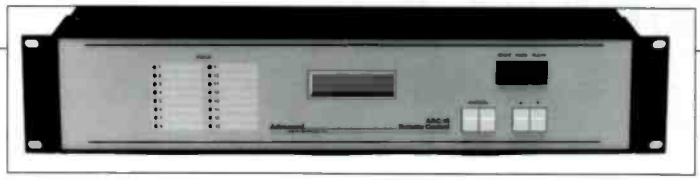
60AVARC16DU *MFR LIST* **$3895.00**

ARC-16 single unit system includes transmitter unit and one ESI speech option. Provides full remote control from any telephone with a DTMF keypad.

60AVARC16SA *MFR LIST* **$2995.00**

Also available:

An interface to set up local serial connections with PC's, a Studio Status Indicator to drive an external set of alarms, and a Studio Input/Output Unit to add eight channels of I/O. ***Give us a call for the list of accessories.***



Accessories:

ESI Enhanced Speech Interface 60AVESI *MFR LIST* **$895.00**

CDL Software 60AVCDL *MFR LIST* **$295.00**

IP-8 Interface panel provides barrier strip connections for eight metering inputs, eight status inputs, and eight each raise and lower outputs, plus failsafe. All outputs are relay isolated. Two required for 16 channels.

60AVIP8 *MFR LIST* **$495.00**

Autopilot, a program for IBM-compatible PC's, gives your ARC-16 better record keeping and the ability to operate unattended. Autopilot will take care of routine and emergency operation. Requires CDL software, above.

60AVAUTOPILOT *MFR LIST* **$595.00**

Call Bradley for a current price quotation.

QEI CAT-Link

Ready to step up to the next level of STL or audio distribution? Would you like to bring your processing back to the studio, where you can control it more easily?

Take advantage of the incredible quality of today's telephone technology with a powerful digital alternative to conventional analog STL's and phone lines.

CAT-Link's digital signal processing gives you pristine two-way performance, without compression, using T1 (DS-1) telco data lines. T1 has a huge 1.544MB data capacity, so that the CAT-Link can send a composite stereo signal to your transmitter while simultaneously sending and receiving other signals such as AM audio, remote feeds, SCA's, transmitter readings, and voice.

CAT-Link has no audible delays to annoy on-air talent. The system consists of Studio and Transmitter rack mount units, each with room for up to seven modules. The modular design allows you to add channels when you need them. Input and Output modules encode and decode the composite and aux channels; Transmit and Receive modules multiplex and demultiplex the channels.

Quality is outstanding, with composite THD <0.01%, S/N ratio 84dB, and response DC to 53kHz, ±0.001dB (really). CAT-Link versions are also available to operate over a mile of twisted pair audio cable, over two miles of fiber optic cable, or via a 23GHz microwave link. Systems start at just $8350. Call Bradley for a CAT-Link packet.

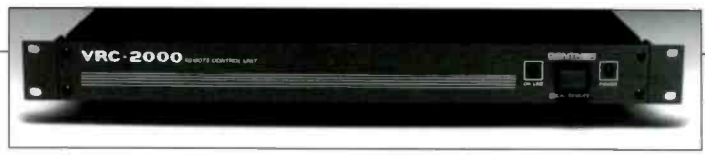
Gentner VRC-2000 Remote Control

Put your invaluable station into the hands of a proven remote control.

The VRC-2000 is a second generation voice response remote system. It allows you full transmitter control via any bi-directional audio link, whether dial-up phone line, dedicated phone line, or radio link (such as STL/TSL/SCA). When it's operated as a stand-alone unit, you can control your transmitter from any telephone that has a DTMF keypad. The VRC-2000 responds with a synthesized voice.

A PC program is supplied with the unit to ease setup, and it can be used as a terminal emulation program for monitoring and control via PC.

VRC-2000 60GF910072201 *MFR LIST* **$2995.00**



Accessories:

Command Relay Unit provides relay isolation between the VRC-2000 and your equipment. Handles eight raise and eight lower commands. Two required for full 16 raise/16 lower operation.

60GF910073001 *MFR LIST* **$679.00**

Also available:

Special purpose accessories for the VRC-2000 include a failsafe unit, antenna monitor, temperature sensor, battery back-up, and interface cables.

Call Bradley for a current price quotation.

Marti STL-15C Composite STL

Long known for discrete systems of remarkable durability and ease of installation, Marti now offers a composite studio-transmitter link so you can locate your audio processing and stereo generator at the studio. Carries FM stereo or mono audio with two subcarriers; with external modems, the STL-15C can also handle digital stereo audio and data.

Automatic switching provision, 12V capability, watt meters, and bargraph modulation meters are featured on the frequency-agile STL-15C. With stereo separation of better than 55dB, S/N greater than 72dB, and distortion of 0.2% or less, this is a high quality radio communications link. Two year warranty.

Call Bradley for a current price quotation.

STL-15C Composite Studio-Transmitter System
60MTSTL15CSYS *MFR LIST* **$6495.00**

STL-15C Composite Transmitter
60MTSTL15C *MFR LIST* **$3500.00**

R-15C Composite Receiver
60MTR15C *MFR LIST* **$3500.00**

TFT 9200 Frequency Agile STL

It's a frequency-synthesized STL system designed for single, redundant dual, or stereo program transmission. Both the transmitter and receiver use state-of-the-art VLSI circuits for a low component count. That translates into reliability and reduced cost. The 7.5 watt transmitter output comes from on-frequency amplification, yielding greater efficiency and introducing fewer harmful harmonics at the output. The receiver has been designed for 100kHz or 200kHz channel spacing. The system frequency response is better than ±0.2dB from 30Hz to 15kHz; THD and IMD are less than 0.2%; and S/N ratio is better than 75dB, de-emphasized.

Dual monaural systems for stereo use a pair of transmitters combined into a single antenna and a receiver splitter to connect two receivers to a single antenna. Plug-in subcarrier cards are optionally available. Bradley also offers the quality TFT 9200 with cable and antennas at low package prices.

9200 Transmitter	60TT51169200	*MFR LIST*	**$1845.00**
9205 Receiver	60TT51169205	*MFR LIST*	**$1725.00**

Call Bradley for a current price quotation.

Marti Discrete Channel STL and TSL

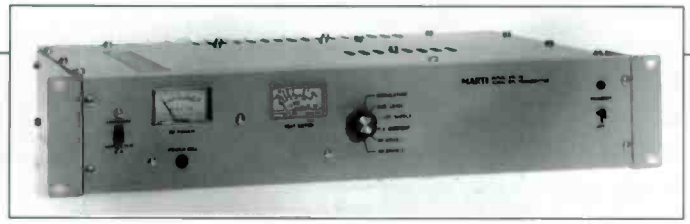
This economical aural STL has a proven record of reliable performance. Two subcarriers are optionally available, and complete stereo systems with transmitter combiners and receiver splitters require only an antenna at each site. The STL-10 system features 20Hz to 15kHz ±0.25dB response, less than 0.3% THD, and 70dB or better S/N ratio. Transmitters include calibrated watt meter with forward/reflected power switching, DC power operation capability, and six position metering of transmitter parameters. Call us to discuss your STL requirements and for system pricing.

Mono STL Package includes one transmitter and receiver.
60MTSTL10 *MFR LIST* **$3320.00**

Stereo STL Package includes two transmitters and two receivers plus one combiner and splitter, for use with single-antenna system.
60MTSTL10D *MFR LIST* **$7110.00**

Also available:

PA-48 4' grid parabolic antenna for 950MHz band STL use.
60MTPA48 *MFR LIST* **$825.00**



Marti Transmitter/Studio Links (TSL)

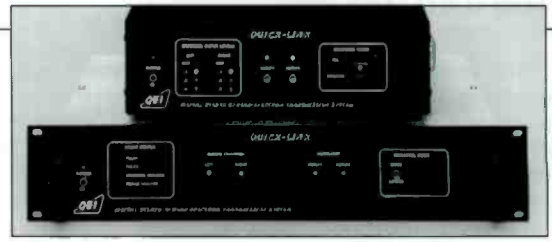
Marti transmitter/studio links provide reliable remote control telemetry on the 450MHz band. The TSL-15 offers 15 watts and the TSL-30 operates at up to 30 watts. Complete system prices include automatic station identifier. Antenna package includes two yagi antennas, connectors, and jumper cable for 1/2" coax.

TSL-15 System	60MTTSL15	*MFR LIST*	**$2669.50**
TSL-30 System	60MTTSL30	*MFR LIST*	**$3270.00**
TSL antenna package	60MTTSLANT	*MFR LIST*	**$468.00**

Call Bradley for a current price quotation.

QEI Quick-Link

NEW



Would you like to be able to provide your station with a digital, stereo, 15kHz remote without paying for phone lines, or fighting for a frequency allocation? To be able to set up an almost instant remote broadcast at your client's premises, without hiss, noise, or interference? Since we're imagining, how about a digital remote without delay or compression?

That's what QEI imagined, and the result is Quick-Link, a digital microwave system that uses military spread-spectrum technology, no license required. Just plug in your mic mixer or other audio source; no external decoders are needed. The transmitter runs on either AC or DC.

XLR connectors make your set-up simple. LED bar-graphs display audio levels. The transmitter accepts stereo or mono audio from any mixer, and provides two user signals to the rack-mount receiver to control or flag equipment at the studio.

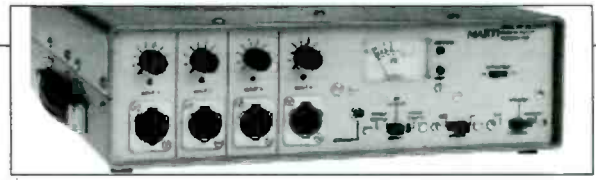
Quick-Link operates in the 902-928mhz band and complies with FCC Part 15.247. Audio bandwidth is 10Hz to 15kHz, with distortion of less than 0.025%. Ten unique coding channels can be selected from the front panel for total security; a total of 60 PN codes and 32 RF channels are internally selectable.

The price shown includes transmitter, receiver, and transmit antenna with cable. Bradley also offers packages of the Quick-Link including field antenna mast, receive antenna with cable, and hanging hardware, starting at $5999. Call us to quote the exact items you need.

Quick-Link 60QEQL *MFR LIST* **$5495.00**

Call Bradley for a current quotation.

Marti Remote Pickups



Marti and RPU are linked inextricably in the minds of many broadcasters. The company makes gear for the high VHF and UHF bands, with power levels of 2 watts, 15 watts, and 30 watts. Marti and Bradley can supply any configuration, any option: internal battery, external DC, and AC; fixed and mobile antennas; transmission line; microphones; and plenty more. Operate from anywhere: hand held, portable, vehicular, and aircraft installations. Marti can supply mobile and fixed repeaters.

Call or fax Bradley for a Marti catalog. Our professionals will help tailor a system to your requirements.

TFT 9100A Composite STL

Change your frequency in the field with the TFT 9100 Composite Aural STL Transmitter. It's designed for the most demanding, major market work. Operating frequency is synthesized and programmable by dip switches in 12.5kHz steps. The TFT 9107 is the companion, frequency synthesized composite receiver. The composite STL system allows all audio processing and stereo generating equipment to be located at the studio. *Call for details.*

9100 Transmitter 60TT51169100 *MFR LIST* **$3725.00**
9107 Receiver 60TT51169107 *MFR LIST* **$3575.00**

Call Bradley for a current price quotation.

Scala and Mark Antennas

Bradley offers Scala and Mark dishes for all applications and frequencies. Most popular with broadcasters are their grid dishes for 950 MHz STL use, available with diameters ranging from 4' to 15'.

Or consider the **Scala Paraflector** or **Miniflector.** These half-parabolic antennas offer a significant reduction in weight and wind load compared to a full dish, while still providing the high gains necessary for moderate path lengths. They are appropriate where band congestion is not a factor and the superior side-lobe characteristics of a full dish are not needed.

Bradley and Scala offer many types of antennas for broadcasters, including remote pickup, TSL, FM translator, and precision off-air monitoring. Special pricing is available when you purchase your antennas as part of a complete equipment package.

Also available:
Scala's 8000/960 950MHz preamp is for situations where your STL signal is marginal, but wind load or other restrictions prohibit a larger dish. It gives you 20dB of gain (equivalent to a several-hundred percent increase in dish size), with noise of only 1.8dB. Cross modulation and overload characteristics are excellent, allowing it to be used on even the busiest mountaintop.

Scala 8000/960 preamp with power supply
60SL8000960 *MFR LIST* **$500.00**

Call Bradley for a current price quotation.

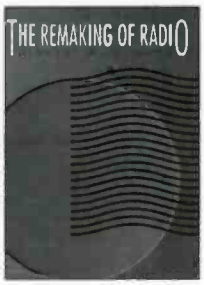
"The Art of Digital Audio"

by John Watkinson

This new edition of a classic text was just published in 1994. It is completely updated to include DCC, MiniDisc, and digital broadcasting. Includes sections on conversion, AES/EBU, audio interconnection, rotary vs. stationary head technologies, and more. Clear and concise, with 250 illustrations.

60FC240513207 **$59.95**

"The Remaking Of Radio"



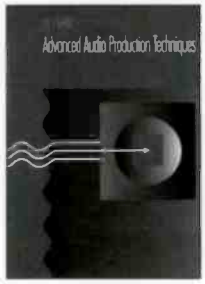
by Vincent M. Ditingo

A comprehensive overview of the dramatic regulatory and economic changes and important programming shifts that have occurred in commercial radio in the last decade. Ditingo's new book puts the direction of modern-day radio into perspective, and profiles a new generation of entrepreneurs.

60FC240801741 **$24.95**

From Focal Press: a full line of books for the practicing audio professional or student. Here are a few popular titles. Call us for a Focal Press "Electronic Media" catalog.

"Advanced Audio Production Techniques"



by Ty Ford

Ford is familiar to readers of "Radio World" newspaper as an expert audio columnist. His book provides answers to how sophisticated audio decisions are made. In a video age, learn how to create fine audio "pictures" in the mind's eye. Charts, graphs, concise text, and interviews with award-winning producers are included.

60FC240800826 **$24.95**

Warning Lights

1. Fidelipac Warning Lights

Red lettering on a black background provides a highly visible warning that microphones are live. ON AIR or RECORDING legends are available in English. The ON AIR legend is also available in Spanish, French, German, Japanese, and four other languages. Lights are 5" x 10" x 2-1/2" (H/W/D).

ON AIR	60FP340	*MFR LIST*	**$80.00**
RECORDING	60FP340REC	*MFR LIST*	**$80.00**

2. BE Studio Warning Light

This classic light comes with a 25 watt red bulb and an attention grabbing flasher. The silkscreened globe housing fastens to a steel mounting plate. Available legends are ON AIR, AUDITION, REHEARSAL, and RECORD. Specify vertical or horizontal lettering. Also available in other languages, or blank so you can label your own.

60BR83500X *MFR LIST* **$66.00**

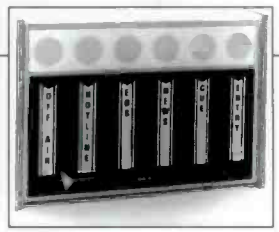
Call Bradley for a current price quotation.

3. Titus Warning Lights

Titus ON AIR and RECORDING lights are beautiful and practical ways of indicating that a studio is in use. Four internal lamps are wired in parallel, and use 24VDC, eliminating the need for relay interface boxes. The mounting base is of solid oiled oak. Size: 8-11/16" x 4-3/4" x 2-1/2" (W/H/D). Lettering is on a smoked glass window that is available with either a horizontal or vertical orientation with a silver or a gold frame.

60TIOALXX *MFR LIST* **$125.00**

Enberg Alert Monitors



Your jocks have enough to worry about. An Enberg alert monitor puts important, visible alert signals in front of them, in one place.

Wire up your EBS receivers, doorbells, weather bulletins, transmitter remote control alerts, burglar alarms, silence sensors, and cue tones. Modes are set for each signal: Manual Reset mode requires the operator to reset the monitor; Auto Reset keeps the lamps on for a set time then shuts them off; and Fone/Latching displays incoming phone calls and is used for latching closures. The Alert Monitors have opto-isolated inputs and solid state relays. The BA-6 wall mount unit displays alerts with 120 volt, 15 watt flashing lamps. The BA-6RX rack mount unit uses 8mm red LEDs. Thirty standard labels are included and custom labels are available.

Slave versions for duplicate monitoring are available. Call us for pricing.

BA-6 wall mounting	60ENBA6	*MFR LIST*	**$379.00**
BA-6RX rack mounting	60ENBA6RX	*MFR LIST*	**$379.00**

Call Bradley for a current price quotation.

Radio Systems Super Master Clocks & Timers

Super Clocks are digital-display time devices, available in clock, timer, and clock/timer models, and designed to create master clock systems. Choose tabletop designs, or wall/rack mount models with big 2" numerals.

Designate any clock model as a master or slave. The system can also adjust hourly to a closure, which means your house time can sync with a network.

Timers provide tenths-of-a-second readout. Count up from zero; with an optional keypad, count down from a pre-set. The best value: the DTCT-6, combining master clock and timer features.

Special pricing applies if you buy five or more of these digital models. Call us for details on pricing, TCXO, extended battery backup, and more.

DTCT-6 Tabletop Dual Clock/Timer
60RSDTCT6 *MFR LIST* **$595.00**

DTC-6 Tabletop Clock 60RSDTC6 *MFR LIST* **$395.00**

DTT-6 Tabletop Timer 60RSDTT6 *MFR LIST* **$395.00**

DWC-6 2" Display Clock (add MT-2 for wall or rack mount)
60RSDWC6 *MFR LIST* **$795.00**

DWT-6 2" Display Timer (add MT-2 for wall or rack mount)
60RSDWT6 *MFR LIST* **$795.00**

Accessories:

KP-CT Keypad 60RSKPCT *MFR LIST* **$95.00**

MT-2 Rack/Wall Mount for 2" Displays
60RSWMCT *MFR LIST* **$35.00**

MT-1 Rack Mount for Tabletop Displays
60RSKCT *MFR LIST* **$35.00**

Call or FAX for a current price quotation and information about TCXO and extended battery backup.

ESE ES520 Timer

This four digit, 60-minute up-timer can be controlled from the front panel start, stop, and reset controls or via two remote options. A momentary short to ground or 5V logic "0" can activate any of the functions, and four trigger resets will reset the timer using either a momentary or continuous signal. The large LED display makes the ES520 easy to read in all light conditions. The serial output on the ES520 can be used to drive up to 100 remote slave displays. Rack mount version also available.

ES520
60ES520 *MFR LIST* **$179.00**

Call Bradley for a current price quotation.

Radio Systems Analog Master Clock System

Sync up to 50 low cost, big wall clocks. Just three wires between each clock keep every unit on time. The master driver lets you adjust for Daylight Savings Time with the push of a button, and works during power failures, all without losing a second. The unit comes with an internal crystal reference or will operate with various external references. Buy five and save!

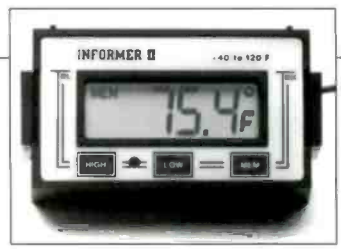
Master Clock Driver 60RSMCD *MFR LIST* **$525.00**

12" Analog Clock Display 60RSAC *MFR LIST* **$95.00**

Analog Clock Package: Five AC-12 Clocks and Master Driver
60RSACP *MFR LIST* **$895.00**

Call Bradley for a current price quotation.

The Informer



Great things often come in small packages. We love the Informer. How hot or cold is it outside? What's the temperature in your transmitter room or garage? The Informer tells all.

The digital readout version reads from -40 degrees to 120 degrees Fahrenheit, and has high and low temp memories. The 50' cable with probe allows continuous outdoor readings. A single "AA" cell powers it for up to a year. Our boss loves it; he has one in his office, and one in his living room at home.

Designed for transmitter remote control use, the voltage Informer provides an output of 10mV/degree (100 degrees F equals one volt). Its range of 0 to 230 degrees F and its 18' cable let you install the probe anywhere, including inside the transmitter's exhaust ducts. Users must provide 5-12VDC to power the voltage version.

Digital readout 60TKI *MFR LIST* **$57.95**

Voltage output 60TKITX *MFR LIST* **$58.95**

Power Distribution

Whirlwind AC6R This 19" rack mount power strip has six AC outlets, on/off switch, and resettable circuit breaker. 15 amps.

61WHPC1 **$43.00**

ETA PD10 AC Power Strip powers ten pieces of equipment while protecting them from voltage spikes and damaging power surges. EMI/RFI filtering protects your audio from unwanted noise. Eight of the outlets are switched; two are always on. The PD10 is rated at 15 amps and includes a 6' grounded power cord. Single space rack mountable.

60ARPD10 **$119.00**

ETA PD10V adds a digital voltmeter display to the PD10 to confirm incoming power. 60ARPD10V **$199.00**

ETA PD11L has the features of the PD10 plus two slide-out lamps.

60AR614 **$159.00**

ETA PD11LV has the features of the PD10 plus both the digital voltmeter and lamps described above.

60AR615 **$249.00**

ETA PD9 handles eight UL approved voltage converters because the rear outlet slots are oriented vertically in this singe-space line conditioner. 15 amps.

60ARPD9 **$149.00**

Furman AR-117 AC line voltage regulator protects equipment from problems caused by brownouts and overvoltages. It accepts voltages from 97 to 131 volts, and converts them to US standard 117 volts. Output of 100VAC is also switch selectable. Input capacity 15 amps; output 12 to 15 amps. Unit instantly shuts down to protect your gear should an extreme overvoltage situation occur.

60FUAR117 **$489.00**

Furman PL-Plus has eight switched outlets, a ten foot power cord, a front panel LED voltage monitor, and RF filtering. Protect your gear from spikes and surges. Outlets are rated at 15 amps. The two slide-out lamps have a dimmer control.

60FUPLPLUS **$175.00**

Furman PM-8 has the power conditioning features of the PL-Plus, without lights, but adds an AC ammeter and front-panel unswitched outlet.

60FUPM8 **$169.00**

Furman AR-PRO is a 30 amp line voltage regulator for use anywhere in the world. Supply clean, regulated power for an entire studio or stage, wherever you travel. It delivers 120V AC with capture ranges of 88 to 134 volts and 172 to 264 volts, 50/60 Hz. Because the AR-PRO works automatically, it can protect against a catastrophic error. Includes fourteen regulated, conditioned outlets, input voltmeter, output ammeter, and adjustable rack ears. Height: 3.5".

60FUARPRO **$1649.00**

Tripp Lite Isobar Surge Suppressors

Isolated filter banks provide reliable spike and noise suppression, a good way to eliminate interference and feedback between connected devices. Suitable for protecting computers, phone systems, and other important equipment. Cascade circuitry lets you choose increased noise protection levels for your most sensitive gear, less for others.

Tripp Lite will repair or replace this product AND any connected equipment damaged by surges, including direct lightning strikes, up to $10,000, for life.

Isobar 2-6	60TPIB26	*MFR LIST*	**$59.95**
Isobar 4	60TPIB4	*MFR LIST*	**$79.95**
Isobar 6	60TPIB6	*MFR LIST*	**$99.95**
Isobar 8	60TPIB8	*MFR LIST*	**$114.50**

Call Bradley for a current price quotation.

PerfectData Copy Stands

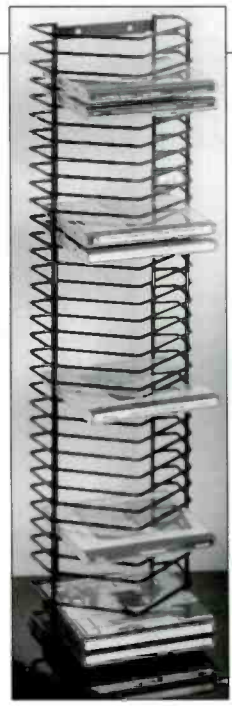
These convenient stands bring your copy close when you need it and move out of the way when you don't. The almond-colored stands include a "C" clamp for mounting. They are available in letter size with two capacities. The optional extender allows your stand to hold computer printouts or open books.

Letter size 1lb capacity 61LU16007 **$42.00**

Letter size 3lb capacity 61LU16008P **$52.50**

Extender 61LUEK **$16.00**

CD Racks



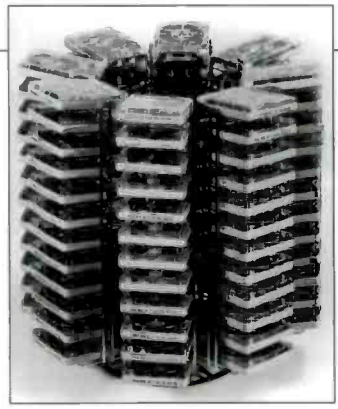
Attractive and durable wire racks provide an easy solution to your CD storage problems. Each wire tower CD holder keeps 31 single and two double CD cases stored safely in a free-standing, table, or wall configuration. At less than 50 cents per unit, these racks may well be the most economical CD storage method ever. Metal versions are available for CD and cassette storage and for stackable, freestanding storage.

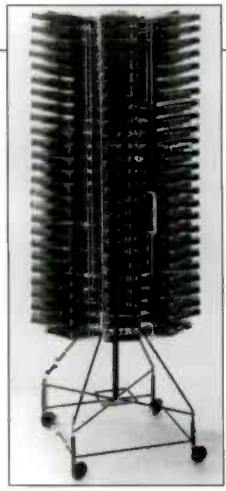
CD wire tower 35 capacity 61AR1209 **$16.00**
CD metal module 25 capacity 61AR1213 **$27.00**
Cassette module 19 capacity 61AR1217 **$27.00**

Trust your CD's to Ruslang. Since these racks hold discs with plastic inserts instead of shelves, they are easy to keep clean. Choose between wall mount and lazy susan tabletop units. Stack-on units may be placed on top of the lazy susans to double capacity. Available in walnut, oak, black, and other colors. ***Larger capacity lazy susans are also available.***

96 capacity wall unit 18" W x 5-3/8"D x 23-1/4" H. 60RLCD96 **$113.00**
128 capacity lazy susan 17" Turning diameter, 27-1/2" high. 60RLCD128LS **$313.00**
256 capacity lazy susan 25-1/2" Turning diameter, 27-1/2" high. 60RLCD256LS **$435.00**

Fidelipac Cart Racks





Tabletop

Quiet and compact, these carousels have removable wire racks. The TR-48 holds 48 carts in four racks, stands 20", and has a diameter of 15". The TR-96 holds 96 carts in eight racks, stands 20", and has a 20" diameter.

TR-48	60FPTR48	*MFR LIST*	**$109.00**
TR-96	60FPTR96	*MFR LIST*	**$194.00**

Mobile

Fully loaded, the MR-200 can store 200 carts. It consists of eight WR-25 single column racks mounted on the MRB-1 carousel rack base with casters. Each WR-25 removes from the carousel even when fully loaded, and is available separately to serve as a 25 cart wall rack.

MR-200 complete	60FPMR200	*MFR LIST*	**$390.00**
MRB-1 base and frame only	60FPMRB1	*MFR LIST*	**$87.00**
WR-25 rack only	60FPWR25	*MFR LIST*	**$38.00**

Call Bradley for a current price quotation.

Simpac Cart Racks

What a handy headache solver this is. Everywhere you look in a radio station you find piles of audio carts. In these handy Simpac cart racks, you can mount your carts on any vertical surface and expand to as many slots as you like. Each black plastic unit holds 10 carts and comes with mounting hardware.

Simpac Cart Rack	60SICRBK	**$6.30 ea**
12 or more		**$5.75 ea**

Alps Media Storage Cabinets

When you have a LOT of CD's, DAT tapes, open reels, or video tapes, wall storage sometimes won't cut the mustard. Alps can cut it, though, with high density storage cabinets.

Each occupies only 2x4' on the floor, but look how much they hold. Models are available to store CD's, audio cassettes, DAT, audio carts, and reel tapes. Cabinets with partitions for video formats are available to hold raw and boxed tapes. Partitions can be mixed among drawers in a single unit. Cabinets come in white, almond, and gray laminates.

These prices show the value of these cabinets; other sizes are available. Your Bradley professional can configure a cabinet to meet your exact requirements. Give us a call. Prices do not include truck freight.

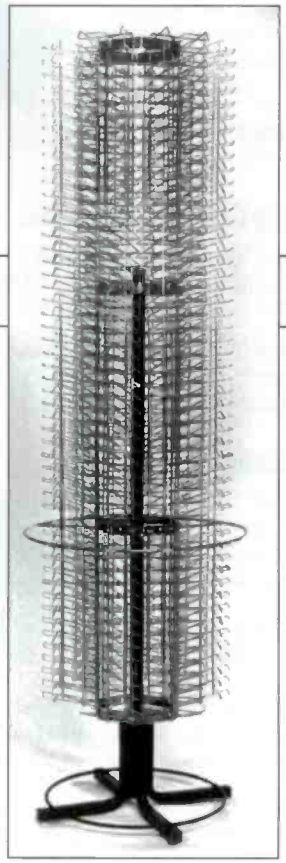
Five drawer base unit holding 2120 CD's, 42"H
60ALCBA605CD **$1250.00**

Six drawer top unit holding 1836 CD's, 45" H
60ALCBU466CD **$1535.00**

Eight drawer base unit holding 3392 CD's, 60" H
60ALCBA908CD **$1520.00**

Call Bradley for a current price quotation.

ABCO CD and Cart Racks



Floor standing Lazy Susans let you store CD's and carts in a small space. All carousels stand six feet high and include casters. Each consists of several individual wire racks that can be removed or purchased separately for wall mounting.

280 Capacity CD Carousel 22" diameter
60AB280 **$348.00**

560 Capacity CD Carousel 27" diameter
60AB560 **$624.00**

300 Capacity Cart Carousel 22" diameter
60AB300 **$386.00**

500 Capacity Cart Carousel 27" diameter
60AB500 **$588.00**

70 Capacity Wire CD Rack 69-1/2"H x 5-1/2"W x 5-1/4"D
60AB70 **$67.00**

50 Capacity Wire Cart Rack 65"H x 4-1/2" x 6"D
60AB50 **$50.00**

Middle Atlantic Rack Accessories

Customers ask for Middle Atlantic hardware by name. We know these items because we use them ourselves at Bradley. Middle Atlantic has many other rack accessories to make your job simpler. If you don't see exactly what you need, pick up the phone and call us.

Utility Rack Shelves

Bradley Best Seller

Popular one-piece "U" shelves come in three sizes: the one space shelf is 11" deep; the two space shelf is 14-3/4" deep; the new three-space unit is 14-1/2"deep. They hold 35, 50, and 55 pounds, respectively. Each can hold taller equipment within its depth and weight limits.

One space	61MAU1	**$29.00**
Two space	61MAU2	**$38.00**
Three space	61MAU3	**$42.00**

UTR-1 Half Rack Universal Shelf

is a one-space black steel rack shelf with numerous holes to help in mounting half-space equipment side-by-side. 10" deep.

61MAUTR1 **$19.95**

The Captivator Rack Shelf

NEW

will rackmount AND captivate your valuable equipment. Vented bottom, rubber lined top clamps, 15-1/2" deep. Also available in taller sizes.

2RU	61MACAP2	**$49.00**
3RU	61MACAP3	**$55.00**
4RU	61MACAP4	**$59.00**

Sliding Shelf

The greatly useful Middle Atlantic sliding shelf supports up to 50lbs and pulls out 14". Your equipment sits on top, and the flush, spring loaded latch keeps the shelf shut. Unique rear telescoping support fits any rack and does not require rear rails. Occupies one rack space.

Sliding Shelf 61MASS **$99.00**

Custom Rack Shelves

Put anything in a rack, without modifying the unit, with MA's custom rack shelves. Custom front panel cut-outs are made for your equipment and the complete shelf is shipped to you in two to three weeks. Many patterns are already on file, so call us to review. Some assembly is required. These shelves do not include hardware to secure equipment for transport.

Brushed and black anodized aluminum
61MARSH4A **$115.00**

Textured black enamel on steel
61MARSH4S **$99.00**

K.D. Shelves

Put together your own rack shelves. Flush studs are provided with bottoms for easy assembly. K.D. shelves are 16 gauge steel painted with black baked enamel, and can be used with equipment up to 17-3/8" wide. Ears come packaged in sets of two.

Important:
For a complete shelf, purchase both a bottom section and a set of ears.

Bottom Section, 15-1/2" deep (choose set of matching ears, sold separately)
61MAKDB **$17.00**

Matching Ears, 5-1/4" tall (for use with above)
61MAKDE3 **$30.00**

Matching Ears, 7" tall
61MAKDE4 **$31.00**

Matching Ears, 8-3/4" tall
61MAKDE5 **$32.00**

Matching Ears, 10-1/2" tall
61MAKDE6 **$33.00**

Matching Ears, 12-1/4" tall
61MAKDE7 **$35.00**

Matching Ears, 14" tall
61MAKDE8 **$36.00**

Bottom Section, 11-1/2" deep (order matching ears, sold below)
61MAKDBS **$17.00**

Matching Ears, 5-1/4" tall,
(for use with 11-1/2" deep bottom, above)
61MAKDE3 **$30.00**

Blank Panels

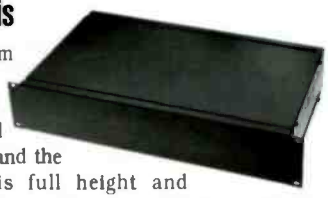
Fill empty rack spaces with these black aluminum panels, flanged for strength.

1 space	61MABL1	**$12.50**
2 spaces	61MABL2	**$13.75**
3 spaces	61MABL3	**$16.75**
4 spaces	61MABL4	**$18.75**

Econo-blanks are flat (non-flanged), durable steel rack space fillers.

EB-1 1 space	61MAEB1	**$6.25**
EB-2 2 spaces	61MAEB2	**$7.95**
EB-3 3 spaces	61MAEB3	**$8.95**
EB-4 4 spaces	61MAEB4	**$10.95**
EB-5 5 spaces	61MAEB5	**$12.95**
EB-6 6 spaces	61MAEB6	**$14.25**

Rack Chassis



For your custom electronics. Flush face is easily removed for punching and the rear panel is full height and removable. Face and rear are black anodized aluminum, while the top, bottom, and sides are steel. These chassis are 10" deep and ship assembled.

1 space	61MACH1	**$59.00**
2 spaces	61MACH2	**$69.00**
3 spaces	61MACH3	**$74.00**

Rack Hardware

Each package contains 10-32 x 3/4" machine screws and flat fiber washers. Available with Phillips machine head, Torx-Post, or a special tamper-proof tapered recess for security. Available in black only.

Phillips 100 ea	61MAHDWEP	**$16.50**
Torx-Post 50 ea	61MAHDWET	**$13.00**
Driver for Torx-Post screws	61MATBIT	**$10.25**
Security 100 ea	61MAHDWES	**$22.80**
Driver for security screws	61MABIT	**$2.29**

Shoulder washers are non-conductive and are used with standard washers to isolate equipment from the rails. 100 ea
61MASW **$7.50**

Rack Rails

Our best 1/8" thick galvanized steel rails are punched and tapped for 10-32 screws. Side mounting holes are 9/32" diameter. Sold in pairs.

8 spaces (14")	61MARR8	**$14.00**
10 spaces (17-1/2")	61MARR10	**$16.00**
12 spaces (21")	61MARR12	**$19.00**
14 spaces (24-1/2")	61MARR14	**$21.00**
16 spaces (28")	61MARR16	**$23.00**
18 spaces (31-1/2")	61MARR18	**$26.00**
21 spaces (36-3/4")	61MARR21	**$30.00**
27 spaces (47-1/4")	61MARR27	**$36.00**
45 spaces (78-3/4")	61MARR45	**$52.00**

Rear Hanging Bracket (to support gear from the back). Each is a pair.

RH-2 2 Space	61MARH2	**$9.00**
RH-3 3 Space	61MARH3	**$10.00**
RH-4 4 Space	61MARH4	**$11.50**

Security Covers

Ideal for providing both security and protection, these perforated steel covers are 1" deep and allow easy viewing of control settings. Rubber edging prevents marring of equipment.

1 space	61MASEC1	**$20.00**
2 spaces	61MASEC2	**$24.00**
3 spaces	61MASEC3	**$26.00**

New from Middle Atlantic:

NEW

Plexiglas Locking Security Covers

Keep your gear safely under plexi.

SECL-2 Two Space	61MASECL2	**$29.00**
SECL-4 Four Space	61MASECL4	**$31.00**
SECL-6 Six Space	61MASECL6	**$59.00**

Fans and Fan Panels

Three-space fan panels include grilles and are punched for 4-1/2" diameter fans. The quiet, 100 CFM fans, sold separately, are designed for long life. Line cord supplied; user must install plug. Black anodized aluminum shown; also available in steel with black enamel.

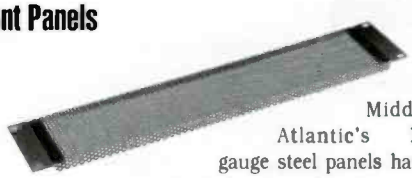
Panel for 1 fan	61MAFP1	**$29.00**
Panel for 2 fans	61MAFP2	**$32.00**
Panel for 3 fans	61MAFP3	**$34.00**
Fan	61MAFAN	**$38.00**

Also available:

Filter Kit with washable filter keeps dust out of your gear. Can be fit over fan panels or used alone. Three spaces tall.

	61MAFILTER	**$29.00**
Fan Guard	61MAGUARD	**$4.25**

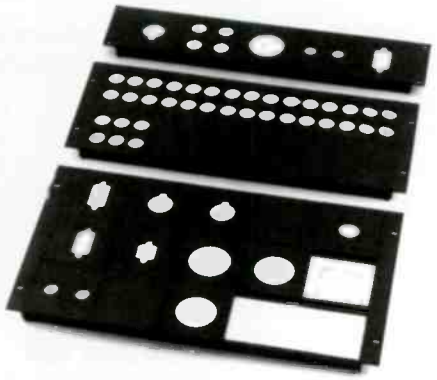
Vent Panels



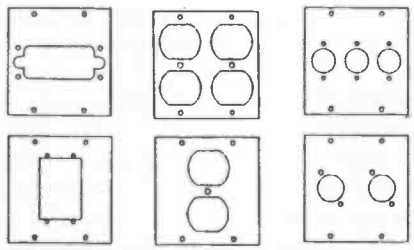
Middle Atlantic's 16 gauge steel panels have one piece construction and are perforated with 5/32" diameter holes yielding 68% open area.

1 space	61MAVT1	**$9.35**
2 spaces	61MAVT2	**$11.25**
3 spaces	61MAVT3	**$13.20**
4 spaces	61MAVT4	**$14.40**
6 spaces	61MAVT6	**$15.30**
8 spaces	61MAVT8	**$16.15**
10 spaces	61MAVT10	**$17.35**

UCP Punched Panels



One of Middle Atlantic's best-kept secrets. Create your own custom panels without the expense of fabrication. These frame kits, with rack ears and mounting bars, come in sizes from two to ten spaces. Punched modules, which are two spaces high and fit five across a rack, are pre-punched for your choice of connectors. These are just a sample; combinations are unlimited. A fully loaded two space frame is less than $60. We can fax you a chart with the available modules. Call or fax Bradley today.



1 space is 1¾"	6 space is 10½"
2 space is 3½"	7 space is 12¼"
3 space is 5¼"	8 space is 14"
4 space is 7"	9 space is 15¾"
5 space is 8¾"	10 space is 17½"

Rack Drawers

An enclosed top makes certain that dust stays out and your contents keep inside these rack mount drawers.

The front panel has a flush, spring loaded handle that latches to keep drawer closed. Full extension, ball bearing slides extend the drawer 14". Also available: a keylock for security.

Models shown are steel with textured black enamel. Anodized aluminum versions are also available.

CD partitions are available for four-space drawers; cassette partitions are available for two-space units.

Call Bradley for pricing.

2 spaces	61MATD2	**$93.00**	**2 spaces w/lock**	61MATD2L	**$115.00**
3 spaces	61MATD3	**$107.00**	**3 spaces w/lock**	61MATD3L	**$125.00**
4 spaces	61MATD4	**$113.00**	**4 spaces w/lock**	61MATD4L	**$130.00**

Nigel B. Media Storage Drawers

Nigel's storage drawers are fitted with compartments for your discs and tapes, and have adjustable mounting brackets to fit into any rack.

CD Drawer holds 69; 4RU high	60NBCDD	**$173.00**
DAT Drawer holds 76; occupies 2RU	60NBDATD	**$165.00**
Cassette Drawer holds 64; 3RU high	60NBAC3D	**$158.00**
Floppy Disk Drawer holds 112 3.5" disks; 3RU high	60NBFDD	**$169.00**
Cover and lock option for any drawer	60NBDCL	**$37.00**

Raxxess Secure Rack Storage

Tired of clutter in your work area? Stop grousing and give us a call for a Raxxess vault. This handy item lets you securely store tapes, tools, CD's, and the other detritus that can clutter up your life. The Rak-Vault is a steel, rack-mount enclosure with a hinged front panel and keyed lock. Available in 3RU and 4RU models, both with 9" inside depth. Black, baked enamel finish.

RKV-3 (5-1/4" high) 61RX3V	**$59.00**
RKV-4 (7" high) 61RX4V	**$69.00**

Middle Atlantic Rack Mount Media Holders

Keep your CD's and recording media nearby with steel, textured black enamel rack mount holders. Anodized aluminum versions are also available.

Compact disc holder for 40 CD's; 4 spaces tall	61MATCD	**$40.00**
Cassette holder for 33 audio cassettes; 3 spaces tall	61MATCS	**$38.00**
DAT holder for 27 digital audio tapes; 3 spaces tall	61MATDAT	**$38.00**
3-1/2" floppy disk holder for 60 floppies; 3 spaces tall	61MATFD	**$38.00**
VHS tape holder for 14 tapes; 5 spaces tall	61MATVHS	**$46.00**
LP, 10-1/2" reel tape, or binder holder; 8 spaces tall	61MATLP	**$94.00**

Middle Atlantic RK Racks

You build 'em, so you save. Wood RK racks are convenient and attractive. The surface is black laminate over 5/8" high density particle board. Rails are drilled and tapped to fit all equipment. Each rack ships knocked down for convenient UPS delivery. Assembly is easy with the supplied allen key and hardware. An optional caster set lets you roll your rack away. Other sizes are available by special order.

2 space (3-1/2") 16" deep	61MARK2	**$55.00**
4 space (7") 16" deep	61MARK4	**$59.00**
8 space (14") 18" deep	61MARK8B	**$89.00**
12 space (21") 18" deep	61MARK12B	**$92.00**
16 space (28") 18" deep	61MARK16B	**$99.00**
20 space (35") 18" deep	61MARK20B	**$109.00**
Wheel kit	61MARKW	**$36.00**

Middle Atlantic WRK Series Racks

WRK-24 SA Rack 42"	61MAWRK24SA	**$575.00**
WRK-37 SA Rack 64"	61MAWRK37SA	**$610.00**
WRK-44 SA Rack 77"	61MAWRK44SA	**$700.00**
WRK-37 Gang Rack 64"	61MAWRK37	**$540.00**
WRK-44 Gang Rack 77"	61MAWRK44	**$690.00**
Accessories:		
42" Vented Door	61MADOV24	**$164.00**
64" Vented Door	61MADOV37	**$205.00**
77" Vented Door	61MADOV44	**$235.00**
42" Solid Door	61MADO24	**$138.00**
64" Solid Door	61MADO37	**$156.00**
77" Solid Door	61MADO44	**$170.00**
Feet for WRK-44	61MAFEET	**$19.00**
64" Side Panels Vented	61MASP37	**$229.00**
77" Side Panels Vented	61MASP44	**$259.00**
Skirted base, rubber wheels	61MACBSWRK	**$174.00**

WRK Series racks are stout, 19" welded metal enclosures, designed with aesthetics in mind.

These racks offer 77", 64", or 42" of mounting height and are built of 16 gauge steel. Bottom corner braces are 10 gauge for extra strength and threaded for optional leveling feet or casters. Front and rear pre-tapped rails are included and the distance between them is adjustable up to 21". Front rails can be set to one of three fixed positions for stability during transport. Welded studs in the rear of the rack help you install cable duct and power strips. Knock out plates on both the top and bottom of the rack allow electrical plates and fans.

Two series are available.

The **WRK-SA series** are stand-alone, closed sided racks with removable, perforated ventilation windows located on the side panels for efficient convection. The **WRK Gang** series is open sided for multi-bay ganging to other racks; side panels are purchased separately. The optional double wall door has bushings for smooth operation and a locking, spring loaded slam latch. Doors can be used at the front or rear and set to swing left or right.

Panascheme Racks

NEW

We're pleased to introduce a Bradley Broadcast exclusive: wood equipment racks from Panascheme Electronic Wood Products.

These racks for 19"-wide equipment are built in Panascheme's Maryland plant with attention to detail and affordability.

Oak Trim Racks are made of high density, 3/4" Domtar Melamine panels. Exposed edges are finished in a custom-milled red oak cap, treated with lemon oil. Standard color is black; other colors are available as an option.

Oak Ply/Solid Wood Racks feature a beautiful all oak exterior surface constructed of 3/4" multi-ply, cabinet-grade panels. Exposed edges are also finished in a custom-milled red oak cap, then the entire rack is sanded smooth and treated with lemon oil.

Both models include a lightweight removable back panel, two pass-through holes in the bottom rear, and rails recessed 3/4" from the face of the rack. All are shipped assembled, ready to use.

Prices shown are for 18" and 22" usable depth models; other depths are available. Also call for pricing on glass doors, rear rail, locks, carpeting, and any other features you need. We can also provide racks made of other types of hardwood or finished in Formica, Wilsonart, Abet, or Nevamar laminate; call for details.

For complete wood tables, see page 126.

Outside Dimensions:
Width: 22-1/8"
Depth: 19-1/2" or 23-1/2"
Height: 3-3/4" plus rack space height (1.75 x # of rack spaces)

Options:

Casters, 2"	61PSCASTERS	**$150.00**
Swivel Base	61PSSWIVEL	**$150.00**

		22" Deep				18" Deep			
		Oak Trim		Oak Ply/Solid Wood		Oak Trim		Oak Ply/Solid Wood	
# Rack Spaces	**Space Height**	**Rack Part**	**Rack Price**	**Rack Part**	**Rack Price**	**Rack Part**	**Rack Price**	**Rack Part**	**Rack Price**
4	7"	61PSER04MO22	**$195.00**	61PSER040022	**$225.00**	61PSER04MO18	**$175.00**	61PSER040018	**$210.00**
8	14"	61PSER08MO22	**$235.00**	61PSER080022	**$255.00**	61PSER08MO18	**$198.00**	61PSER080018	**$236.00**
12	21"	61PSER12MO22	**$265.00**	61PSER120022	**$299.00**	61PSER12MO18	**$219.00**	61PSER120018	**$260.00**
16	28"	61PSER16MO22	**$299.00**	61PSER160022	**$325.00**	61PSER16MO18	**$240.00**	61PSER160018	**$285.00**
20	35"	61PSER20MO22	**$345.00**	61PSER200022	**$380.00**	61PSER20MO18	**$260.00**	61PSER200018	**$315.00**
24	42"	61PSER24MO22	**$375.00**	61PSER240022	**$420.00**	61PSER24MO18	**$280.00**	61PSER240018	**$349.00**
30	52-1/2"	61PSER30MO22	**$395.00**	61PSER300022	**$495.00**	61PSER30MO18	**$299.00**	61PSER300018	**$415.00**
34	59-1/2"	61PSER34MO22	**$420.00**	61PSER340022	**$555.00**	61PSER34MO18	**$325.00**	61PSER340018	**$490.00**
40	70"	61PSER40MO22	**$455.00**	61PSER400022	**$625.00**	61PSER40MO18	**$389.00**	61PSER400018	**$560.00**

Soundolier Equipment Racks

Bradley Best Seller

Soundolier offers metal racks for every purpose.

The 100 Series racks, our most popular, provide 18-1/2" inches of useable depth and include fixed side panels and a locking back door. They may be ordered welded or knocked down. Welded racks are more costly to ship, but are sturdier.

Soundolier's Quick Shipper Program assures shipment within three working days. Racks eligible for this service are marked (*) below and must be ordered in black textured enamel; request this service at the time of your order. Other sizes, or racks ordered in any of the other 24 available colors, generally ship in two to three weeks.

For info on doors and other options, and to discuss Soundolier racks with other specs, call your Bradley sales professional.

	Welded		Knocked Down	
Size	**Part #**	**Price**	**Part #**	**Price**
36"	60SDWA10036	**$295.00**	60SD10036	**$270.00**
42"	*60SDWA10042	**$305.00**	*60SD10042	**$289.00**
61"	*60SDWA10061	**$339.00**	*60SD10061	**$339.00**
70"	60SDWA10070	**$365.00**	*60SD10070	**$379.00**
77"	*60SDWA10077	**$389.00**	60SD10077	**$399.00**

Accessory:
Roller truck for 100 and 200 Series *60SDCT1020 **$209.00**

Cutting Wedge Acoustic Tiles

Treat your audio facilities to The Cutting Wedge. The charcoal gray tiles excel at reducing noise, slap, echo, and/or standing waves. Available in three thicknesses, the tiles come in convenient 12" by 12" squares. They can be shipped via UPS in any quantity, so you save on shipping charges. Order by the case and save even more.

Note: Minimum order is 10 squares; shipping charges are additional.

2" thick square	60CW1	**$2.90** ea	**$146.16** case of 56
3" thick square	60CW3	**$3.99** ea	**$129.28** case of 36
4" thick square	60CW4	**$5.30** ea	**$133.56** case of 28

Nigel B. Stands

Desktop Rack Stand

Handle up to 13 rack units of equipment in an adjustable, lockable frame that goes from vertical to horizontal. Good for recorders, mixers, and more. Size: 26"H x 21"W x 18"D. 60NBPLDERS **$169.00**

Recorder Stand

A sturdy, easily-moveable recorder stand. Heavy-duty construction and smooth rolling casters are the trademark of this fine stand. Provides 13 rack units of space plus eight additional units between its uprights.

60NBPLRS **$339.00**

Keyboard Stand

The AC-KBS has one flat adjustable angle shelf and comes with casters. It's 44" wide and 27" high, with shelf depth of 16.5". Add an optional CPU platform or 12" upper shelf to make your stand more flexible.

AC-KBS Stand	60NBACKBS	**$315.00**
Extension Shelf	60NBEXT	**$84.75**
CPU Platform	60NBCPU	**$119.00**

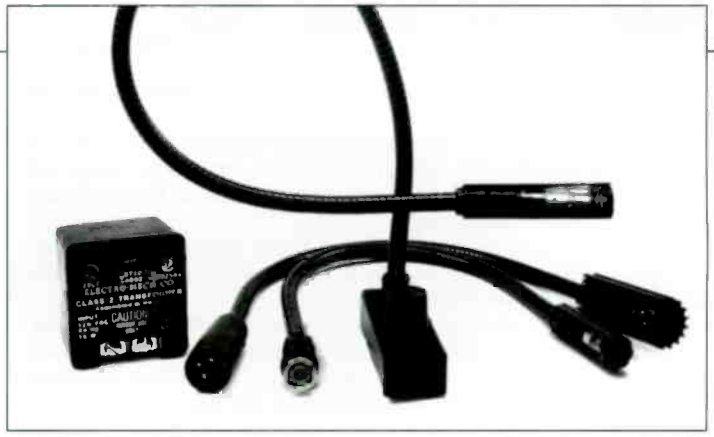
Littlite Lamps

Light up the important places in your life. Littlite Lamps are offered in several basic configurations.

The popular L-3 Series features a mounting base with a permanently attached gooseneck, dimmer, and a high intensity tungsten-halogen bulb in a finned hood. The L-2 Series has a mounting base with a permanently attached gooseneck, dimmer, and a low intensity incandescent bulb in an unobtrusive tubular hood.

The G Series has a swivel BNC-style connector with a neoprene rubber friction sleeve, and is useful in applications requiring removal for storage or transit. They mate with panel sockets supplied or added onto equipment. Available in high or low intensity. The X Series has a 3-pin male XLR connector with isolated lamp circuit. Useful where a detachable, non-swiveling connection is desired. Available in high or low intensity.

The WXF is an AC adapter designed for use with the L-Series. It'll power up to four low intensity or two high intensity lamps.



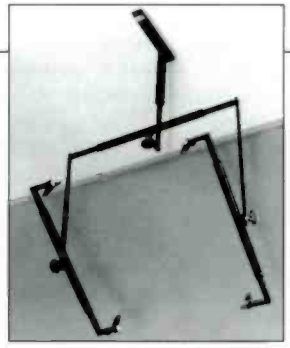
L-212	12" L-2 Series	61LL212A	**$29.50**
L-218	18" L-2 Series	61LL2A	**$29.00**
L-312	12" L-3 Series	61LL312A	**$36.00**
L-318	18" L-3 Series	61LL3A	**$36.00**
12G	12" G-Series	61LL12G	**$21.00**
12G-Hi	12" G-Series High Intensity	61LL12GHI	**$25.00**
18G	18" G-Series	61LL18G	**$29.00**
18G-Hi	18" G-Series High Intensity	61LL18GHI	**$39.00**
12X	12" X-Series	61LL12X	**$23.00**
12X-Hi	12" X-Series High Intensity	61LL12XHI	**$37.00**
18X	18" X-Series	61LL18X	**$26.00**
18X-Hi	18" X-Series High Intensity	61LL18XHI	**$45.00**
WXF	AC Adapter	61LLWXF	**$11.65**
Q5	High Intensity Bulb	61LLQ5	**$7.50**
1815	Low Intensity Bulb	61LL1815	**$2.50**

Pivotelli Mounting Systems

Mount your equipment where and how you want. Pivotelli steel supports hold up to 176 pounds and come with hardware for installing on wooden wall studs, concrete, and brick. The models shown are for equipment that is 17-3/4" to 30" wide, but other sizes are available.

The Single Pivotelli has an "L" shaped bracket with a fixed distance from the wall. The bottom support clamps to the sides of the equipment. The Double Pivotelli uses two 12" flex arms which allow the distance from the wall to be adjusted. Mounted equipment may be placed flush against the wall, in a corner, or in any number of positions for optimum viewing or listening. The Triple Pivotelli, shown in photo, has a yoke style bracket which securely clamps equipment top to bottom on both sides. Equipment can be moved easily side to side or up and down. The warranty on all models is five years.

Brackets are priced individually. Part numbers are for matte black; ask us for white models at the same price.



Call Bradley for a current price quotation.

Single	60PVMLS	*MFR LIST*	**$129.95**
Double	60PVDLS	*MFR LIST*	**$219.95**
Triple (wall mount)	60PVTS	*MFR LIST*	**$269.95**
Triple (ceiling mount)	60PVTTS	*MFR LIST*	**$269.95**

Accessory:

Metal stud kit must be used for mounting on metal studs.

60PVMSKL *MFR LIST* **$11.00**

Murphy Studio Furniture

Murphy offers four series of elegant cabinetry. The deluxe Elite Series, pictured, has numerous access panels, a durable bumper base, passive ventilation, and a wire management system. The Premier Series retains most of the features of the Elite Series but is more economical. A Dub/Edit Station is a customized desk/rack for computer stations and newsrooms. Most economical is Murphy's Classic Series, featuring high-quality laminates and oak trim, shipped to you ready to assemble to save shipping costs.

Murphy has years of experience in answering your furniture needs.

Call Bradley for a quotation and full color brochure.

Panascheme Studio Furniture

NEW

Bradley proudly welcomes Panascheme Electronic Wood Products to our 1995 catalog.

You will appreciate Panascheme's handcrafted broadcast furniture, and you'll be surprised at the price. The cabinetry incorporates fine joinery, custom mill work, high-grade materials, and careful construction. The result: tables and racks that are both beautiful and durable.

The basic desk provides a 7' x 3' countertop over two 14-space equipment racks. The rear base of the table is made of three detachable modules with cable pass-throughs, punch block cavities, and covers.

The laminate top is available in a range of colors from Nevamar, Wilsonart, Formica, and ABET; all exposed edges are detailed in a red oak cap. The melamine base modules are black as standard. Other features include 3" base with removable kickplate, access holes from rack to floor, and impact-resistant 1-1/2" laminate top.

You can easily upgrade to an "L" or "U" style suite with the addition of extra racks and tops. Configure an interview-style table by specifying the optional top. For matching countertop racks, simply add Panascheme wood racks, shown on page 123.

Most important, Panascheme builds every piece as ordered, so custom becomes standard. This lets us configure your furniture just the way you want it, in any size, shape, or color. Call us for a price quotation.

Call for a current price quote, and info on custom colors, glass doors, adjustable shelves, and other options.

Basic Desk	61PSBA077MO	*MFR LIST*	**$2300.00**
Extra Rack & Top	61PSERT	*MFR LIST*	**$530.00**
Interview Style Top	61PSGUEST	*MFR LIST*	**$260.00**

(add to price of basic desk)

Nigel B. Studio Furniture

Nigel B. Audio/Video Furniture offers a custom fit with industrial strength. It's made of steel, coated with baked enamel for a scratch-resistant finish; worktops are Formica-covered particle board with Comfort Edges and cable grommets. All bases include heavy duty casters. Components pack flat to reduce shipping costs. Options include corner units, keyboard shelves, power strips, chairs, computer monitor platforms, and rack drawers and shelves.

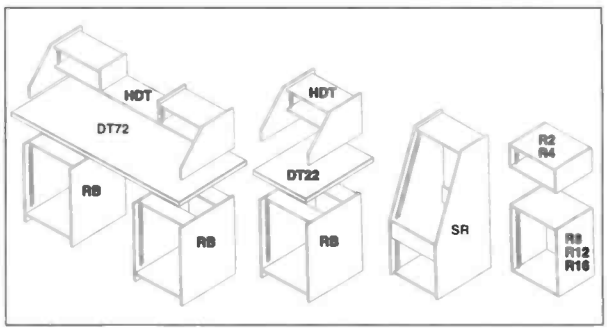
Call Bradley for a copy of Nigel B.'s 38-page catalog.

MixRak

MIXRAK is an economical, flexible furniture lineup. The modular design makes assembly and expansion easy. Board surfaces are protected by melaface and high pressure laminate. The desk is edged with 1-1/2" solid oak, the other edges are protected by T-molding. Heavy threaded rack rails ensure proper mounting of equipment.

DT72 30" x 72" Top	60MIDT72	*MFR LIST*	**$170.00**
DT22 22" x 30" Top	60MIDT22	*MFR LIST*	**$90.00**
FDT Desk Top Rack/Organizer	60MIFDT	*MFR LIST*	**$192.00**
HDT Desk Top Rack/Organizer	60MIHDT	*MFR LIST*	**$95.00**
RB Rack Base (14 space)	60MIRB	*MFR LIST*	**$170.00**
SR Angled Rack	60MISR	*MFR LIST*	**$240.00**
R2 Rack (2 space)	60MIR2	*MFR LIST*	**$65.00**
R4 Rack (4 space)	60MIR4	*MFR LIST*	**$80.00**
R8 Rack (8 space)	60MIR8	*MFR LIST*	**$110.00**
R12 Rack (12 space)	60MIR12	*MFR LIST*	**$140.00**
R16 Rack (16 space)	60MIR16	*MFR LIST*	**$160.00**

Call Bradley for a current price quotation.



ORDERING INFORMATION AND CREDIT APPLICATION

Pricing

Prices marked MFR LIST show the suggested selling price from the manufacturer and are subject to discount. Call us for a current price quotation.

Ordering information

Minimum order: $15.00 in merchandise and $6.00 in shipping and handling.

Ordering by telephone: Call 800-732-7665 or 301-231-7800 during our office hours, listed on the inside cover. Net 30 terms are available to qualified buyers, subject to credit limit. A credit application is provided for your use. We require a firm purchase order signed by an authorized agent of your company for Net 30 purchases. We also welcome MasterCard, Visa, and Discover; credit card orders are authorized in full at the time of purchase.

Ordering by fax: Send your order by fax to 301-230-6526, 24 hours a day. Include shipping and invoicing instructions.

Ordering by mail: Mail your order, with shipping and invoicing information, to Bradley Broadcast Sales, 12401 Twinbrook Parkway, Rockville, MD 20852. Enclose your purchase order (if you have an account), or payment or credit card information. Remember to include tax if appropriate.

Shipping charges: We can quote shipping charges, so you may include them with your prepayment, or we can ship your merchandise freight collect, or charge shipping to your credit card, or ship via the carrier of your choice using your account number. If you have a Bradley account in good standing, shipping charges can be added to your invoice.

COD shipments: COD orders are limited to items immediately available from stock. We reserve the right to ship COD only to established clients. Shipments in excess of $500 may require payment by cash or certified check. We do not ship COD via U.S. Mail.

Tax: Maryland customers must add 5% sales tax or provide signed documentation of Maryland sales tax exemption at the time of order.

Damaged, defective, or incorrect merchandise

If any package shows signs of damage, do not accept it. We will replace the item when the carrier returns it to us, or we will re-ship immediately upon notification of the problem. In the latter case, new merchandise will be separately invoiced or charged, with credit or refund issued upon receipt of defective merchandise. When you receive any merchandise, always inspect it before signing. Under carrier rules, it is YOUR responsibility to report damage or loss. Note damage on any shipping documents, and save all packing material and waybills. Request inspection by the carrier immediately. Claims for defective or incorrect merchandise must be reported to us within five days. When you call us, we will issue you a return authorization (R.A.) number, which MUST appear on our return package or we cannot accept it. If you order the wrong item, you are responsible for shipping charges to return it. If the error is ours, we will pay for shipping. Merchandise returned for any reason other than defects or damage is subject to restock fees. No returns or exchanges after 30 days.

Bradley Broadcast Guarantee

All merchandise is new and fully warranted by the maker. Bradley Broadcast neither offers nor implies any warranty other than that provided by the manufacturer. Bradley does not guarantee the suitability of any product for your intended purpose and is not liable for consequential damages incurred in the use of any product we provide. Product specifications are subject to change without notice.

Account Terms

Credit terms are Net 30 days. Interest at the rate of 1.5% per month (18% per annum) will be charged to overdue accounts, and further credit privileges suspended at our option. The calculation of due date is based upon the shipment date for each item, or our invoice date, whichever is later. We invoice partial shipments and expect payment within 30 days on each shipment. If your institution or company cannot accept partial billings, we will hold merchandise for complete shipment at one time. Postmark date of your payment must be within 30 days of invoice or ship date to be considered timely.

CREDIT APPLICATION (Attach References as noted below)

Company Name: _____ Call Letters: _____

Address: _____

City: _____ State: _____ Zip: _____ Phone: _____

Business Description: _____

Accounts Payable Supervisor: _____ Your Name: _____

Please Type or Print

In consideration for open account status with Bradley Broadcast, we understand and agree to the following terms and conditions:

1. That all invoices are due and payable 30 days from invoice date.

2. That all equipment ordered and received remains the property of Bradley Broadcast until paid in full.

3. That we will pay a finance charge of 1.5% per month (18% APR) on any unpaid balance which exceeds 30 days of invoice date.

4. That all equipment sold by Bradley Broadcast is covered by standard manufacturer warranty, and no other warranty, expressed or implied, shall supercede this warranty.

We hereby apply for credit and agree to the above conditions of sale on open account.

This form **MUST** be signed by a corporate officer.

We hereby authorize Bradley Broadcast Sales to contact the listed references to request information on our credit history.

Signed: _____
Corporate Officer

Name and Title: _____
Please Print

Date: _____

Please fill out completely and return with credit references to:

Bradley Broadcast
12401 Twinbrook Parkway
Rockville, MD 20852
FAX: 301-230-6526

All references are verified in writing. Please allow appropriate time for processing. Companies you list may decline to provide information. We may request further references.

Important:

Please supply, on a separate form, the name, address, phone, and account numbers for at least four credit references.

INDEX

Manufacturers are listed in bold.

360 Systems ---- 4, 89
3M ---- 17-19

ABCO ---- 119
Acoustic Treatment ---- 124
ADAT ---- 5
ADAT Tape ---- 17
AEQ ---- 24, 27, 55
AIR Corp ---- 42
Akai ---- 5
AKG ---- 31, 34, 36, 38-39, 64
Alesis ---- 5, 57, 78
Alps ---- 119
Ampex ---- 18
Amplifiers
- Composite ---- 106
- Distribution ---- 82-84, 86-88
- Headphone ---- 23, 63-64, 82, 84
- IHF/Pro Interface ---- 6, 48, 81-82, 85-86
- Line ---- 82, 84-85, 87
- Microphone ---- 23, 40-41, 82, 84, 87
- Phono ---- Call Bradley
- Power/Monitor ---- 49, 61-62, 84

Analyzers ---- 93, 110-111
Anchor ---- 50, 56
Antennas ---- 109, 114
Anvil ---- 30
Aphex ---- 40, 76-78, 81, 88, 106
ART ---- 76, 79
Ashly ---- 62, 72, 74-75
Attenuators ---- 84-85, 91
ATI 41, 48, 63, 65, 73, 82, 87-88, 93
Atlas ---- 38-39
Audi-Cord ---- 15
Audio Control Industrial ---- 93
Audio Technica ---- 32-37, 57, 71
Audioarts ---- 65, 86
Audiolab ---- 19
audiopak ---- Call Bradley
Auratone ---- 57
Automation Tools ---- 94, 101

Bags, Equipment ---- 29-30
BEC ---- 81
Belar ---- 55, 111
Benchmark ---- 40, 48, 63
Beyerdynamic ---- 31-32, 38, 64
Books ---- 115
Broadcast Electronics ---- 16, 66, 115
Broadcast Tools ---- 70, 101
Burk ---- 88, 111-112

Cabinetry ---- 122-126
Cables & Wire ---- 20, 38, 52, 92-94
Cable Storage ---- 52, 92
Cablewave ---- Call Bradley
Canare ---- 38, 93
Cart
- Accessories ---- 16, 118, 119
- Cart Machines, Analog ---- 15-16
- Cart Machines, Digital ---- 4, 7-8, 45
- Carts & Tape ---- Call Bradley
- Splice Finders ---- 16
- Storage Racks ---- 118-119

Cartridges, Phono ---- Call Bradley
Carver ---- 61
Cases, Equipment ---- 29-30
Cassette
- Accessories ---- 21-22, 118, 122
- Duplicators ---- 15
- Mixer/Recorder Combos ---- 12
- Portable Recorders ---- 12, 15, 21-22
- Storage ---- 118-119, 122
- Studio Recorders ---- 12-14
- Tapes ---- 18

Cellabs ---- 25
CircuitWerkes ---- 54, 101
Cleaners ---- 17, 19, 48
Clocks & Timers ---- 116
Coaxial Cable ---- Call Bradley
Coaxial Dynamics ---- Call Bradley
Codecs ---- 26-28
Comark ---- Call Bradley
Community ---- 50
Compact Disc
- Accessories ---- 17, 48, 118, 119, 122
- Blank Discs ---- 17
- Players ---- 45-48
- Recorders ---- 5
- Storage Racks ---- 118-119, 122
- Test CD's ---- 17

Compressors ---- See Processing
Comrex ---- 25-26, 66, 100
Conex ---- 89, 94, 101
Connectors & Adapters 39, 83-85, 90-92
Consoles & Mixers
- Automatic Mic Mixers ---- 37, 71, 73
- Broadcast On-Air ---- 65-68
- Furniture ---- 122-126
- Mic & Utility Mixers ---- 23-24, 37, 49, 66-73, 83-84, 88
- Mixer/Recorder Combos ---- 12
- Portable ---- 12, 23-24, 49, 66-70, 72
- Powered ---- 49, 51
- Production ---- 66-72

Copy Stands ---- 118
Cord-Lox ---- 92
CRL ---- 94, 106, 108
Crown ---- 37, 49, 61
CSU/DSU ---- 27
Cutting Edge ---- 105
Cutting Wedge ---- 124

DAT
- Loggers ---- 10
- Recorders, Portable ---- 20-21
- Recorders, Studio ---- 8-10
- Storage ---- 119, 122
- Tape & Accessories ---- 17, 122

dbx ---- 75, 78, 80
Degaussers ---- 18-19
Delays
- Telephone ---- 95
- Studio & Alignment ---- 77-80

Delta ---- Call Bradley
Denon ---- 7, 17, 45, 47-48, 54
Digidesign ---- 2
Digital Audio Labs ---- 3
Direct Boxes ---- 83
Discwasher ---- 17, 48
Distribution Amplifiers ---- 82-88
DJ Equipment ---- 48-52, 64
DOD ---- 74
Dorrough ---- 53
Drawers ---- 120-122
Duplicators, Cassette ---- 15

Ear Protection ---- 52
EAS (Emergency Alert) ---- Call Bradley
EBS ---- Call Bradley
Editall ---- 19
Editing Software ---- 3
Editing Supplies ---- 19
Editors, Digital ---- 2-3
Effects Processors ---- See Processing
Electro-Impulse ---- Call Bradley
Electro-Voice ---- 33-34, 49, 58, 60
Enberg ---- 115
Equalizers ---- See Processing
Erasers ---- 18-19
ESE ---- 116
ETA ---- 117
Eventide ---- 10, 76, 95
Excalibur ---- 28, 48, 85-86, 100, 106
Exciters, FM ---- 107, 109

Fans ---- 121
Feedback Control ---- 74
Fiber Optic ---- 81, 112
Fidelipac ---- 8, 16, 115, 118
Focal Press ---- 115
Fostex ---- 56, 64, 94
Frequency Extension ---- 25-26
Furman ---- 91, 117
Furniture ---- 122-126

Geneva ---- 16-19
Gentner ---- 26-27, 55, 90, 98-100, 112
Gotham ---- 92

Halland ---- Call Bradley
Hard Disk Systems ---- 2-5
Har-Ken ---- 91
Head Cleaners ---- 17, 19
Headphone Amps ---- 23, 63-64, 82, 84
Headphones ---- 64
Headsets ---- 31, 37, 101
Henry ---- 7, 48, 69, 86, 88-89, 95
Hi-8 Tape ---- 17

INC ---- 27
Informer ---- 116
Inovonics ---- 106, 110
Installation Accessories ---- 52, 81, 90-91, 93, 115, 117-126
Intercom & IFB ---- 101-103
Interface Accessories ---- 25, 27, 48, 81-94, 100
Intraclean ---- 17, 19
IQS ---- 3
ITC ---- Call Bradley

JBL ---- 58-59

Kaces ---- 30
Kintronics ---- Call Bradley
K&M ---- 38

Lexicon ---- 80
Lights
- Gooseneck ---- 125
- On-Air ---- 115

Light Wave ---- 32
Limiters ---- See Processing
Listen Lines ---- 54
Littlite ---- 125
Logitek ---- 53, 67, 89
Luxo ---- 40

Mackie ---- 67, 70
Magneto-Optical Disks ---- 17
Marantz ---- 5, 13, 15, 21-22
Mark ---- Call Bradley
Marti ---- 113-114
Maxell ---- 17-18
Meters, Audio ---- 53, 83
Mic-Eze ---- 39
Microphones
- Accessories ---- 31-33, 35, 37-40, 42, 84-85
- Cable ---- 20, 38, 92-93
- Condensers, Studio ---- 34-35
- Dynamic ---- 33-34
- Gooseneck ---- 36-37, 39
- Headsets ---- 31, 37, 101
- Lavaliers ---- 31, 36
- Phantom Supplies ---- 31, 42
- Preamps ---- 23, 40-41, 82, 84, 87
- Processors ---- 41-42, 81
- Shotgun ---- 31-32
- Snakes ---- 52
- Special Purpose ---- 31-32, 36-37
- Stands & Booms ---- 38-40
- Stereo ---- 32
- Wireless ---- 42-44

Microtech Gefell ---- 35
Middle Atlantic ---- 120-123
MiniDisc
- Blank Discs ---- 17
- Recorders & Players ---- 7

Mixers ---- See Consoles
Mix Minus ---- 88, 95
MixRak ---- 126
Modulation Sciences ---- 108, 110
Monitors
- Amplifiers, Monitor ---- See Amplifiers
- Meters ---- 53, 83
- Modulation ---- 110-111
- Phase ---- 53
- RDS/RBDS ---- 108
- Signal ---- 53, 55
- Speakers/Powered ---- See Speakers

Motorola ---- 102
Mounting Hardware ---- 31, 37-40, 51, 92, 120-126
MRL ---- 16, 18
Multitrack Editors ---- 2-5
Murphy ---- 125
Music Libraries ---- Call Bradley
MusicQuest ---- 3

Neumann ---- 35
Neutrik ---- 92
Nigel B. ---- 122, 124, 126
Noise Reduction ---- See Processing
Norton ---- 52

O.C. White ---- 40
Omnimount ---- 60
On-Air/Recording Lights ---- 115
Orban ---- 76, 104-105
OSC ---- 3
Otari ---- 11

PA Systems ---- 49-52
Panascheme ---- 123, 126
Panasonic ---- 9, 17, 55
Patch Panels & Cords ---- 90-91
PerfectData ---- 118
Phono Cartridges ---- Call Bradley
Pivotelli ---- 61, 125
Pop Filters ---- 35
Porta Brace ---- 29
Potomac ---- Call Bradley
Power Distribution & Protection ---- 3, 117
Press Boxes ---- 24-25
Processing Equipment
- Audio Enhancement ---- 76-81
- Broadcast Transmitter ---- 78, 104-106
- Compressors/Limiters ---- 6, 75-81, 84
- Effects ---- 76, 78-80
- Equalizers ---- 74-75, 77-79, 81, 84
- Microphone ---- 41, 81
- Noise Reduction ---- 80-81
- Reverbs ---- 76, 78-80

Purple Processor ---- 105

QEI ---- 107, 110, 112, 114

Racks
- Equipment ---- 29-30, 122-126
- Hardware, Shelves, Panels, Etc. 120-122
- Storage ---- 118-122

Radio Design Labs ---- 83-84
Radio Systems ---- 68, 86, 95, 116
Radios, Two-Way ---- 102
Radios, World/Short Wave ---- 55
Ramsa ---- 70
Rane ---- 41, 63, 72-74, 76-77
Raxxess ---- 35, 92, 122
RDS/RBDS ---- 54, 108
Receivers & Tuners ---- 54-55
Recorders
- ADAT & Hi-8 ---- 5-6
- Cartridge ---- 15-16
- Cassette ---- 12-15, 21-22
- Compact Disc ---- 5
- DAT ---- 8-10, 20-21
- Floppy/MO ---- 8
- Hard Disk ---- 2-5
- MiniDisc ---- 7
- Multi-track ---- 2-6, 11-12
- Open Reel ---- 11
- Other ---- 7, 20, 22
- Stands ---- 124, 126

Relays ---- 84, 86
Remote Control, Transmitter ---- 111-112
Remote Control, via phone ---- 101
Remote Pickup Equipment (RPU)
- Microwave/Spread Spectrum ---- 114
- Telephone ---- 24-28, 66

Reverbs ---- See Processing
RF Accessories ---- 109, 114
Routing Switchers ---- 89
Rowi ---- 31, 39
RTS ---- 103
Ruslang ---- 118

Sabine ---- 74
Sample Rate Converters ---- 82
Scala ---- 114
Security Covers ---- 121
Sennheiser ---- 31-32, 34, 36-37, 64
Sequencers, Event ---- 94
Shelves ---- See Racks
Shively ---- 109
Short Wave Receivers ---- 55
Shure ---- 23, 31-39, 44, 73, 85
Shurtape ---- 52
Silence Sensors ---- 55
Simpac ---- 119
SKB ---- 29
Snakes ---- 52
Software, Audio Editing ---- 3
Sony ---- 6-8, 10, 14, 17, 20-22, 32, 35-37, 42, 45-46, 55, 64
Sound America ---- 27-28
Sound Reinforcement ---- 49-52
Soundcraft ---- 68-69
Soundolier ---- 124
Speakers
- Mounting Hardware ---- 51, 60-61, 125
- Multimedia ---- 57
- Nearfield ---- 55-58, 60
- Powered ---- 50, 55-57
- Sound Reinforcement ---- 49-50
- Studio Monitor ---- 57-60

Splicing Supplies ---- 19
Sports Mixers ---- 24
Stanton ---- 64
Stereo Generators ---- 104-106
Stereo Synthesizers ---- 76
Stewart ---- 31, 42, 62-63
STL/TSL/RSL ---- 109, 112-114
Styli ---- Call Bradley
Surge Protection ---- 3, 100, 117
S-VHS Tape ---- 17
Switchcraft ---- 90
Switchers ---- 84, 86, 88-89
Symetrix ---- 6, 41-42, 61, 63, 74-75, 77, 81

Tannoy ---- 58
Tape & Tape Supplies
- Cartridge ---- Call Bradley
- Cassette ---- 18
- DAT ---- 17
- Erasers/Degaussers ---- 18-19
- Gaffer's ---- 52
- Head Demagnetizers ---- 19
- Open Reel ---- 18-19
- Storage ---- 118-119, 122
- Test ---- 16, 18

Tape Recorders ---- See Recorders
Tascam ---- 6, 10-14, 20, 46, 66, 72
Teac ---- 14
Technics ---- 13, 47-48, 54
Telephone & Teleconference
- Codecs ---- 26-28
- Couplers ---- 27-28, 91, 100
- CSU/DSU ---- 27
- Frequency Extension ---- 25-26
- Hybrids ---- 95-99
- ISDN ---- 26, 28
- Message Storage ---- 7
- Mix Minus ---- 88, 95
- Remote Equipment ---- 24-28, 66, 91, 100-101
- Switched 56 ---- 26-28
- T-1 Links ---- 112
- Talk Show Systems & Delays 66, 95-99

Telex ---- 15, 31, 43, 101-102
Telos ---- 28, 96-97, 103
Tensimount ---- 37
Test Equipment & Tapes ---- 16-18, 53, 91, 93-94, 110-111
TFT ---- 109, 111, 113-114
Thermometers ---- 116
Timers & Clocks ---- 116
Titus ---- 115
TOA ---- 49-50, 54
Tone Generators & Decoders ---- 84-85, 93-94, 101
Transmitters, FM ---- 107
Tripp Lite ---- 3, 100, 117
Tuners & Receivers ---- 54-55
Turntables ---- 48
Two-Way Radios ---- 102

Ultimate ---- 38, 51
UREI ---- Call Bradley
U.S. Audio ---- 62, 64, 73

Warning Lights ---- 115
Weircliffe ---- 18
West Penn ---- 93
Wheatstone ---- See Audioarts
Whirlwind ---- 24-25, 52, 64, 83, 85, 92-94, 117
Wire ---- See Cables
Wire Ties ---- 92
Wireless Microphones ---- 42-44
Wohler ---- 56
Workstations ---- 2, 125-126
World Band Radios ---- 55

Yamaha ---- 51, 60, 68, 71, 75, 79

Z Systems ---- 82
Zercom ---- 24, 94

Copyright ©1995 Bradley Broadcast Sales, Inc.

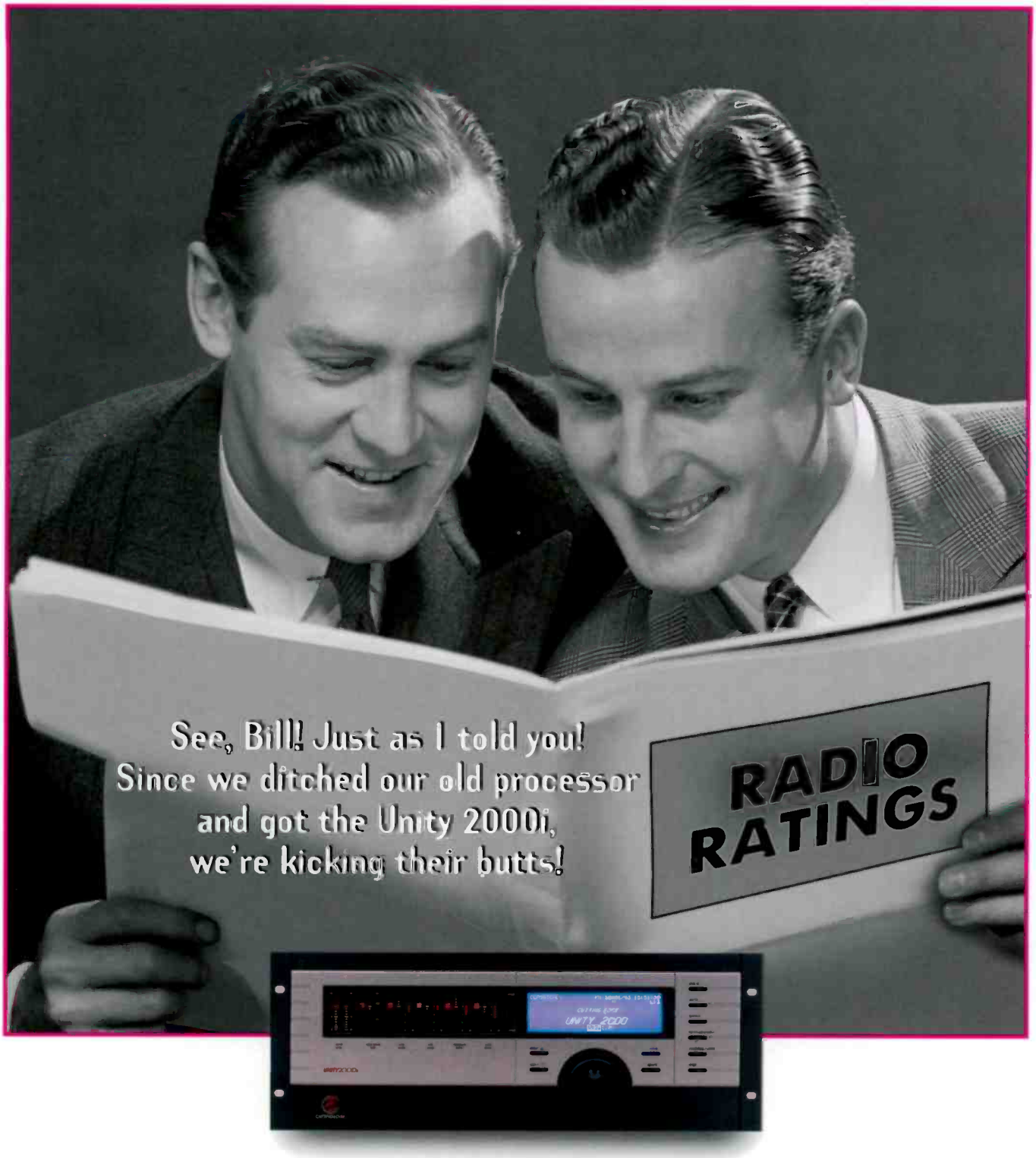
Reproduction or transmittal is prohibited. While every effort is made to ensure the accuracy of the information contained herein, Bradley Broadcast is not responsible for typographical errors. Product specifications and prices are subject to change without notice.

Editors
Paul J. McLane and Art Reed

Layout
The Concept Company

Original Photography
Ed Castle

Printing
Tucker - Rochester, NY



the unity 2000*i* **the world's best sounding FM processor.**

Better sound, more listeners, bigger profits. That's what it's all about.

CUTTING*EDGE*

We Hear You Talking

Telos hybrids give you the most natural-sounding, two-way talk possible.

All over the world, radio stations are programming more talk shows and call-in segments. And those who are most serious about their sound and their ratings are installing Telos.

hybrids achieve consistent output level and the ability to monitor callers through open speakers without feedback.

The Telos ONE hybrid comes in three versions: A single hybrid, available in a

The top of the line Telos 100 Delta has our exclusive digital dynamic equalizer which improves the quality of caller voices in a way never before possible.

Our hybrids can be used with our range of accessories to

only from

Telos hybrids have earned their reputation for exceptional performance. In addition to superior trans-hybrid loss for full-duplex audio, Telos

standard rack mounting chassis or compact modem case, and as the ONE plus ONE, a dual-hybrid with built-in mix-minus matrix.

create complete, multi-line phone systems. Call or fax us today for information. Isn't it time you experienced great phones?

Telos SYSTEMS

- True digital, with all processing performed in the digital domain.
- Sophisticated automatic gain control on input and output audio for perfectly matched levels.
- Advanced caller audio downward expansion and override function.
- Excellent in applications where open monitor speakers are used.
- Switchable mic/line input. 100 Delta has two, mixable inputs.
- Second output with either caller output or a mix of caller and input signals. Dual outputs assist in creating multiple mix-minuses in multi-hybrid installations.
- Metering of input and output levels and gain reduction.
- Auto-answer accessories available for installation flexibility.

Telos Digital Hybrid Telephone Interfaces